

产品资料

电缆格兰 通用用途



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ABB提供广受赞誉的电缆保护方案产品，包括套管系统产品和接头产品，并运用于全球各大行业。

我们的产品设计优秀，安全性能可靠，是工业、商业以及危险区域应用的理想选择。

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随时随地, 满足您的需要...

高品质电缆格兰, 一站式解决方案产品

我们的品牌已统一纳入 ABB 品牌旗下, 即使应用环境严苛, 产品仍非常便利, 为您提供更多选择。

只需一张简明的表格, 即可迅速找到适用于严苛条件的高规格电缆格兰, 产品适用范围广, 包括高温或极端温度条件、油暴露、紫外线暴露、食品饮料生产以及高腐蚀性环境等。此外, 我们也提供其他解决方案, 供您在常规应用情况下使用。

简化后的全新购买流程为您带来了:

- 在线版 / 印刷版产品目录和网站
- 单点联系
- 销售流程

认证

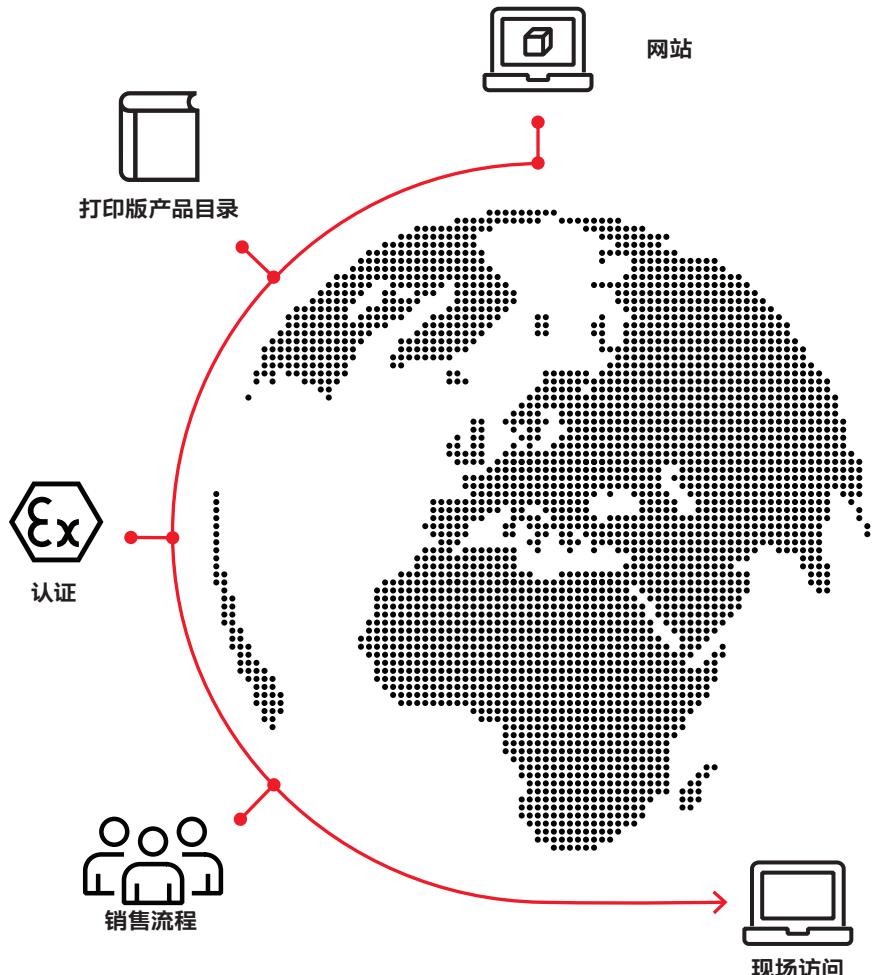
ABB 的电缆格兰设计符合 IEC 和 NEC 电线标准中的全球规范要求, 且性能更优秀, 同时也符合国际和北美认证标准, 包括 ATEX、IECEx、UL 和 CSA, 以及其他各地认证和海事认证。

已通过的批准和认证:



您之所需, 仅在

一站式 高品质电缆格兰解决方案



完善的电缆保护产品系列

ABB电缆格兰和接头系列产品
齐全完善, 可与ABB全球电缆
保护产品系列通用, 共筑优势。
产品可在危险、爆炸、工业等环
境下安全使用。



垂直市场解决方案

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01

- 01 食品饮料加工行业
- 02 铁路基础设施
- 03 海运行业

食品饮料加工

ABB 充分理解当今食品饮料加工行业所面临的艰难挑战。我们致力于提供电气解决方案，解决您在运营各大领域时所面临的关键问题，让您专注于生产过程，改善工厂的可持续性、成本、质量、灵活性、食品和人员安全，以及监管等各方面的挑战。

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铁路基础设施

专用于铁路基础设施的电缆格兰系列产品，在对低烟低毒、温度范围大、多用途电缆夹紧功能以及耐油耐化学品等方面有较高要求的严苛环境下，均可安装使用。

产品设计符合欧洲安全标准 EN45545 以及欧洲互用性技术规范 (TSI) 要求，无论内部还是外部安装，该系列电缆格兰产品均具有最高的 HL3 防火性能等级，可供铁路机车车辆和基础设施使用。

海运

在海上这一最为恶劣的工作环境中，产品的安全性和可靠性极其重要。作为业内专业产品，即使面临盐雾环境中的巨大破坏，也必须克服严苛条件，成功应对。

此外，振动和极端温度条件也让这一挑战更为艰巨。

ABB 提供各类产品解决方案，具有耐磨、抗冲击、耐腐蚀、耐化学品等优点，而且使用寿命长，不易产生火灾危害。

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04

- 04 油气行业
- 05 化工行业
- 06 发电行业

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05

油气行业

ABB 数十年来积累了大量的应用专业知识，深得油气行业客户的信赖。我们的电缆格兰在设计、生产以及独立认证方面均能够满足您在全球任何区域的使用需求，也可用于危险区域。

化工行业

您需要可靠、坚固和物有所值的设备，从而在特殊批量生产或连续商品化合物生产业务中，成功盈利。因此，我们始终大力投入新产品的研发和改进，掌握业内专业知识。

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发电行业

目前，发电业正处于转型期。新兴技术的发展，有助于实现更清洁、更高效的能源生产。ABB 以高质量、创新型的电气系统和设备引领潮流。

工业 电缆格兰

ABB 获得多项全球认证, 严格把控质量, 努力研发新产品, 提供的电缆格兰产品可供各类用途使用。

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01 NCG系列

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02 BCG系列

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03 Quick-Connect™

ABB 提供的通用型工业格兰采用多种设计, 能够应对潮湿或干燥环境、室内或室外以及腐蚀性工作环境, 满足您的各类需求。ABB格兰产品经过全面测试, 符合并相关法规和认证标准, 可用于各种用途。

电缆格兰密封性优秀, 可接入机柜、电机、盘柜或其他设备, 防止水和粉尘进入各类设备。ABB 产品以高质量标准延长系统的使用寿命, 减少停机时间。

我们的格兰产品有不锈钢、镀镍黄铜、铝或尼龙等多种材质, 同时也提供多种螺纹、形状和开孔方式等供您选择。此外, 我们提供具有自接地功能的多种产品以及全套配件。



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02



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工业电缆格兰

ABB的工业电缆格兰产品应用广泛。

我们获得多项全球认证和审批，提供的解决方案可在大部分应用条件下使用。



工业用途电缆格兰

选型指南

选型指南格兰



| 类型 | NPG | NCG | NC GS | NSG | BCG | SCG | BEM | MSG | SSG |
|-------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|
| 一般用途 | | | | | | | | | |
| 商业建筑 | • | • | • | - | - | - | - | - | - |
| 住宅建筑 | • | • | - | - | - | - | - | - | - |
| 工业 MRO | - | • | - | - | • | - | - | • | - |
| 低侵入 | - | • | - | - | • | - | - | - | - |
| OEM | | | | | | | | | |
| 一般用途 | • | • | - | • | • | - | - | • | - |
| 工业机械 | - | - | - | - | - | - | - | • | - |
| 商业机械 | - | - | - | - | - | - | - | • | - |
| 盘柜制造 | • | • | - | - | • | - | • | • | - |
| 照明 | - | • | - | • | - | - | - | - | - |
| 铁路 | | | | | | | | | |
| 牵引 - 外部 | - | - | - | - | • | • | - | • | • |
| 牵引 - 内部 | - | • | - | - | - | - | - | - | - |
| 基础设施 - 外部 | - | - | - | - | • | • | - | • | • |
| 基础设施 - 内部 | - | • | - | - | - | - | - | - | - |
| 自动化 | | | | | | | | | |
| 机器人 | • | • | - | - | • | - | • | • | • |
| 控制系统 | • | - | • | - | • | - | • | - | - |
| 机柜与电机 | • | • | - | - | • | - | • | - | - |
| 海运 | | | | | | | | | |
| 一般用途 | - | • | - | - | - | • | - | - | • |
| 室外用途 | - | • | - | - | - | • | - | - | • |
| 乘员 / 船员区域 | - | • | - | - | - | • | - | - | - |
| 油气行业 | | | | | | | | | |
| IEC 标准 | - | - | - | - | - | - | - | - | - |
| NEC 标准 | - | - | - | - | - | - | - | - | - |
| 其他用途 | | | | | | | | | |
| 太阳能发电 | • | • | • | - | • | - | • | • | - |
| 食品饮料行业 | - | - | - | - | - | - | - | - | - |
| 化工厂 | - | - | - | - | - | • | - | - | • |
| 数据中心 | - | - | - | - | • | - | • | - | - |
| 废水处理 | - | - | - | - | - | • | - | - | • |



NPG Quick-Connect

电缆格兰



ABB电缆格兰产品 - NPG Quick-Connect 系列无需进入机柜内部即可安装，快速高效，是盘柜厂和批量安装商的理想选择。

NPG Quick-Connect 是一款单体式尼龙格兰，耐腐蚀，适用于安装非铠装和便携式入槽电缆。安装后，NPG 系列产品可以达到 IP66 或 IP68 的防护等级（5巴下30分钟）。

Quick-Connect - NPG 系列 - 尼龙格兰

批准及认证

合规性
符合:



EN 62444

UL514B (详细信息请见表格)

CSA C22.2 第 18.3 号

温度范围

正常使用: -20°C 到 +100°C (-4°F 到 +212°F)
短期: -30°C 到 +150°C (-22°F 到 +302°F)

IP 等级

IP66

无卤尼龙 (PA6) 结构

IP68 (5 巴下 30 分钟)

可选黑色、灰色和浅灰色

氯丁橡胶密封

正常情况条件下，NPG Quick-Connect 系列格兰的额定工作温度范围为 -20°C 到 100°C (-4°F 到 212°F)，但短时间内可以承受 -30°C 到 150°C (-22°F 到 302°F)。

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆规格 | | 开孔大小 | | | 标称尺寸 (mm/in) | | | |
|------|-------------------|------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | NPG-M161x (cURus) | M16 | 5.0 0.197 | 10.0 0.394 | 16.2 0.638 | 16.4 0.646 | 9.0 0.354 | 42.5 1.673 | 26.5 1.043 | 22.0 0.866 | 22.0 0.866 |
| | NPG-M201x (cURus) | M20 | 6.0 0.236 | 12.0 0.472 | 20.2 0.795 | 20.4 0.803 | 9.0 0.354 | 41.5 1.634 | 30.3 1.193 | 24.0 0.945 | 24.0 0.945 |
| | NPG-M202x (cURus) | M20 | 7.0 0.276 | 13.0 0.512 | 20.2 0.795 | 20.4 0.803 | 9.0 0.354 | 41.5 1.634 | 30.3 1.193 | 25.0 0.984 | 25.0 0.984 |
| | NPG-M251x (cURus) | M25 | 11.0 0.433 | 17.0 0.669 | 25.2 0.992 | 25.4 1.000 | 9.0 0.354 | 43.5 1.713 | 36.3 1.429 | 29.0 1.142 | 29.0 1.142 |
| | NPG-M321x (cURus) | M32 | 15.0 0.591 | 21.0 0.827 | 32.2 1.268 | 32.4 1.276 | 9.0 0.354 | 49.5 1.949 | 43.2 1.701 | 36.0 1.417 | 36.0 1.417 |

标称尺寸 (mm/in)

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | 开孔大小 | | | 标称尺寸 (mm/in) | | | |
|-------|-----------|-------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | NPG-0381x | 3/8" | 5.0 0.197 | 10.0 0.394 | 17.65 0.695 | 18.85 0.742 | 10.0 0.394 | 41.2 1.673 | 26.5 1.043 | 22.0 0.866 | 22.0 0.866 |
| | NPG-0501x | 1/2" | 6.0 0.236 | 12.0 0.472 | 21.84 0.860 | 23.01 0.906 | 10.0 0.394 | 39.2 1.543 | 30.5 1.201 | 24.0 0.945 | 24.0 0.945 |
| | NPG-0502x | 1/2" | 10.0 0.394 | 14.0 0.551 | 21.84 0.860 | 23.01 0.906 | 10.0 0.394 | 39.8 1.689 | 30.5 1.201 | 27.0 1.063 | 27.0 1.063 |
| | NPG-0751x | 3/4" | 13.0 0.512 | 18.0 0.709 | 27.78 1.094 | 28.98 1.141 | 10.0 0.394 | 41.9 1.650 | 39.0 1.535 | 33.0 1.299 | 33.0 1.299 |
| | NPG-1001x | 1" | 18.0 0.709 | 25.0 0.984 | 34.51 1.359 | 35.71 1.406 | 10.0 0.354 | 50.1 1.972 | 47.5 1.972 | 42.0 1.870 | 42.0 1.654 |

颜色注释: 部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)

一般用途尼龙电缆格兰

NCG 系列



NCG系列 - 尼龙电缆格兰

特性和优点:

- 紧凑型电缆格兰
- 电缆锁紧范围广
- 抗腐蚀

| 批准及认证 | 合规性 | 温度范围 |
|-------------------|--|--|
| | 符合: EN 62444 UL514B (详细信息请见表格) CSA C22.2 第 18.3 号 | Normal Use: -20°C to +100°C (-4°F to +212°F) 短型 Term: -30°C to +150°C (-22°F to +302°F) |
| IP 等级 | 材料 | |
| IP66 | 无卤尼龙结构 | |
| IP68 (5 巴下 30 分钟) | 氯丁橡胶密封 | |
| NEMA 4 | 可选黑色、灰色和浅灰色 | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | |
|------|------------------------|---------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | NCG-M121x | M12x1.5 | 2.0 0.079 | 5.0 0.197 | 8.0 0.315 | 23.0 0.906 | 16.9 0.665 |
| | NCG-M122x (cURus) | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 8.0 0.315 | 23.0 0.906 | 16.9 0.665 |
| | NCG-M161x | M16x1.5 | 2.0 0.079 | 6.0 0.236 | 8.0 0.315 | 26.5 1.043 | 21.9 0.862 |
| | NCG-M161x-L | M16x1.5 | 2.0 0.079 | 6.0 0.236 | 15.0 0.591 | 26.5 1.043 | 21.9 0.862 |
| | NCG-M162x (cURus) | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 8.0 0.315 | 26.5 1.043 | 21.9 0.862 |
| | NCG-M162x-L | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 15.0 0.591 | 26.5 1.043 | 21.9 0.862 |
| | NCG-M163x (cURus) | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 10.0 0.394 | 30.0 1.181 | 25.0 0.984 |
| | NCG-M163x-L (cURus) | M16x1.5 | 5.0 0.157 | 10.0 0.315 | 15.0 0.591 | 30.0 1.043 | 25.0 0.862 |
| | NCG-M201x | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 10.0 0.394 | 30.0 1.043 | 27.0 1.063 |
| | NCG-M201x-L | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 15.0 0.591 | 30.0 1.043 | 27.0 1.063 |

颜色注释: 部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)

一般用途尼龙电缆格兰

NCG 系列

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|------|------------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | NCG-M202x (cULus) | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 10.0 0.394 | 30.0 1.181 | 27.0 1.063 | 24.0 0.945 | 24.0 0.945 |
| | NCG-M202x-L (cULus) | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 15.0 0.591 | 30.0 1.181 | 27.0 1.063 | 24.0 0.945 | 24.0 0.945 |
| | NCG-M203x (cULus) | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 10.0 0.394 | 33.5 1.319 | 31.0 1.22 | 27.0 1.063 | 27.0 1.063 |
| | NCG-M203x-L (cULus) | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 15.0 0.591 | 33.5 1.319 | 31.0 1.22 | 27.0 1.063 | 27.0 1.063 |
| | NCG-M251x | M25x1.5 | 9.0 0.354 | 16.0 0.63 | 10.0 0.394 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 | 33.0 1.299 |
| | NCG-M251x-L | M25x1.5 | 9.0 0.354 | 16.0 0.63 | 15.0 0.591 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 | 33.0 1.299 |
| | NCG-M252x (cULus) | M25x1.5 | 11.0 0.433 | 17.0 0.669 | 8.0 0.315 | 38.0 1.496 | 32.5 1.28 | 29.0 1.142 | 29.0 1.142 |
| | NCG-M252x-L | M25x1.5 | 11.0 0.433 | 17.0 0.669 | 15.0 0.591 | 36.0 1.417 | 32.5 1.28 | 29.0 1.142 | 29.0 1.142 |
| | NCG-M253x (cULus) | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 10.0 0.394 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 | 33.0 1.299 |
| | NCG-M253x-L | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 15.0 0.591 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 | 33.0 1.299 |
| | NCG-M321x | M32x1.5 | 11.0 0.433 | 15.0 0.591 | 10.0 0.394 | 42.5 1.673 | 41.0 1.614 | 36.0 1.417 | 36.0 1.417 |
| | NCG-M321x-L | M32x1.5 | 11.0 0.433 | 15.0 0.591 | 15.0 0.591 | 42.5 1.673 | 36.0 1.417 | 36.0 1.417 | 36.0 1.417 |
| | NCG-M322x (cULus) | M32x1.5 | 15.0 0.591 | 21.0 0.827 | 10.0 0.394 | 42.5 1.673 | 41.0 1.614 | 36.0 1.417 | 36.0 1.417 |
| | NCG-M322x-L | M32x1.5 | 15.0 0.591 | 21.0 0.827 | 15.0 0.591 | 42.5 1.673 | 41.0 1.614 | 36.0 1.417 | 36.0 1.417 |
| | NCG-M323x (cULus) | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 15.0 0.591 | 42.0 1.654 | 47.3 1.862 | 42.0 1.654 | 42.0 1.654 |
| | NCG-M401x | M40x1.5 | 16.0 0.63 | 23.0 0.906 | 10.0 0.394 | 47.5 1.870 | 52.4 2.063 | 46.0 1.811 | 46.0 1.811 |
| | NCG-M401x-L | M40x1.5 | 16.0 0.63 | 23.0 0.906 | 18.0 0.709 | 47.5 1.870 | 52.4 2.063 | 46.0 1.811 | 46.0 1.811 |
| | NCG-M402x (cULus) | M40x1.5 | 19.0 0.748 | 28.0 1.102 | 10.0 0.394 | 47.5 1.870 | 52.4 2.063 | 46.0 1.811 | 46.0 1.811 |
| | NCG-M402x-L | M40x1.5 | 19.0 0.748 | 28.0 1.102 | 18.0 0.709 | 47.5 1.870 | 52.4 2.063 | 46.0 1.811 | 46.0 1.811 |
| | NCG-M403x (cULus) | M40x1.5 | 22.0 0.866 | 32.0 1.26 | 18.0 0.709 | 52.0 2.047 | 60.0 2.362 | 53.0 2.087 | 53.0 2.087 |
| | NCG-M501x | M50x1.5 | 25.0 0.984 | 31.0 1.22 | 18.0 0.709 | 53.5 2.106 | 67.8 2.669 | 60.0 2.362 | 60.0 2.362 |
| | NCG-M502x (cULus) | M50x1.5 | 30.0 1.181 | 38.0 1.496 | 18.0 0.709 | 53.5 2.106 | 67.8 2.669 | 60.0 2.362 | 60.0 2.362 |
| | NCG-M631x | M63x1.5 | 29.0 1.142 | 35.0 1.378 | 18.0 0.709 | 53.0 2.087 | 72.9 2.870 | 65.0 2.559 | 65.0 2.559 |
| | NCG-M632x (cULus) | M63x1.5 | 34.0 1.339 | 44.0 1.732 | 18.0 0.709 | 53.0 2.087 | 72.9 2.87 | 65.0 2.559 | 65.0 2.559 |
| | NCG-M751x (cULus) | M75x1.5 | 48.0 1.89 | 55.0 2.165 | 25.0 0.984 | 55.0 2.165 | 89.0 3.504 | 75.0 2.953 | 80.0 3.15 |

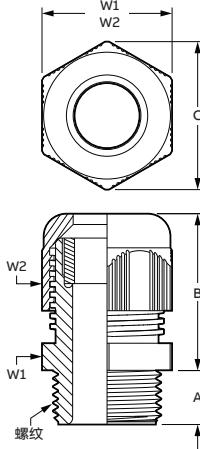
颜色注释: 部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)

尼龙电缆格兰，供工业用途使用

NCG 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|-------|----------------------|-------|-----------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | |
| | NCG-0381x | 3/8" | 3.0 0.118 | 7.0 0.276 | 15.0 0.591 | 30.0 1.181 | 25.0 0.984 | 22.0 0.866 |
| | NCG-0382x (cURus) | 3/8" | 5.0 0.197 | 10.0 0.394 | 15.0 0.591 | 30.0 1.181 | 25.0 0.984 | 22.0 0.866 |
| | NCG-0501x | 1/2" | 5.0 0.197 | 9.0 0.354 | 15.0 0.591 | 30.0 1.181 | 27.0 1.063 | 24.0 0.945 |
| | NCG-0502x (cULus) | 1/2" | 6.0 0.236 | 12.0 0.472 | 15.0 0.591 | 30.0 1.181 | 27.0 1.063 | 24.0 0.945 |
| | NCG-0503x (cULus) | 1/2" | 10.0 0.394 | 14.0 0.551 | 11.0 0.433 | 33.5 1.319 | 30.9 1.217 | 27.0 1.063 |
| | NCG-0504x | 1/2" | 9.0 0.354 | 16.0 0.63 | 15.0 0.591 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 |
| | NCG-0505x | 1/2" | 13.0 0.512 | 18.0 0.709 | 15.0 0.591 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 |
| | NCG-0751x | 3/4" | 9.0 0.354 | 16.0 0.63 | 15.0 0.591 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 |
| | NCG-0752x (cULus) | 3/4" | 13.0 0.512.0 | 18.0 0.709 | 15.0 0.591 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 |
| | NCG-1001x | 1" | 12.0 0.472 | 20.0 0.787 | 18.0 0.709 | 42.0 1.654 | 47.3 1.862 | 42.0 1.654 |
| | NCG-1002x (cULus) | 1" | 18.0 0.709 | 25.0 0.984 | 18.0 0.709 | 42.0 1.654 | 47.3 1.862 | 42.0 1.654 |



尺寸

| PG螺纹 | 部件编号 | PG螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------|-----------------------|------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | |
| | NCG-PG71x (cURus) | PG07 | 3.0 0.118 | 6.5 0.256 | 8.0 0.315 | 23.0 0.906 | 16.9 0.665 | 15.0 0.591 |
| | NCG-PG91x (cURus) | PG09 | 4.0 0.157 | 8.0 0.315 | 8.0 0.315 | 26.5 1.043 | 21.9 0.862 | 19.0 0.748 |
| | NCG-PG111x | PG11 | 3.0 0.118 | 7.0 0.276 | 8.0 0.315 | 29.0 1.142 | 25.0 0.984 | 22.0 0.866 |
| | NCG-PG112x (cURus) | PG11 | 5.0 0.197 | 10.0 0.394 | 8.0 0.315 | 29.0 1.142 | 25.0 0.984 | 22.0 0.866 |
| | NCG-PG131x (cULus) | PG13 | 6.0 0.236 | 12.0 0.472 | 10.0 0.394 | 29.0 1.142 | 27.0 1.063 | 24.0 0.945 |
| | NCG-PG161x (cULus) | PG16 | 10.0 0.394 | 14.0 0.551 | 10.0 0.394 | 33.5 1.319 | 30.9 1.217 | 27.0 1.063 |
| | NCG-PG211x (cULus) | PG21 | 13.0 0.512 | 18.0 0.709 | 11.0 0.433 | 37.0 1.457 | 38.0 1.496 | 33.0 1.299 |
| | NCG-PG291x (cULus) | PG29 | 18.0 0.709 | 25.0 0.984 | 11.0 0.433 | 42.0 1.654 | 47.3 1.862 | 42.0 1.654 |
| | NCG-PG361x (cULus) | PG36 | 22.0 0.866 | 32.0 1.26 | 13.0 0.512 | 52.0 2.047 | 60.0 2.362 | 53.0 2.087 |
| | NCG-PG421x (cULus) | PG42 | 30.0 1.181 | 38.0 1.496 | 13.0 0.512 | 53.5 2.106 | 67.8 2.669 | 60.0 2.362 |
| | NCG-PG481x (cULus) | PG48 | 34.0 1.339 | 44.0 1.732 | 14.0 0.551 | 53.5 2.106 | 72.9 2.87 | 65.0 2.559 |

颜色注释：部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)

PG螺纹

尼龙电缆格兰，供工业用途使用

NCG 系列

—
尺寸

| GAS螺纹 | 部件编号 | GAS螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------------|------------|-------|---------------|---------------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| NCG-G0251x | NCG-G0251x | 1/4" | 3.0 | 6.5 | 10.0 | 23.0 | 16.9 | 15.0 |
| | | | 0.118 | 0.256 | 0.394 | 0.906 | 0.665 | 0.591 |
| NCG-G0381x | NCG-G0381x | 3/8" | 5.0 | 10.0 | 11.0 | 30.0 | 25.0 | 22.0 |
| | | | 0.197 | 0.394 | 0.433 | 1.181 | 0.984 | 0.866 |
| NCG-G0501x | NCG-G0501x | 1/2" | 6.0 | 12.0 | 10.0 | 30.0 | 27.0 | 24.0 |
| | | | 0.236 | 0.472 | 0.394 | 1.181 | 1.063 | 0.945 |
| NCG-G0502x | NCG-G0502x | 1/2" | 10.0 | 14.0 | 11.0 | 30.0 | 30.9 | 27.0 |
| | | | 0.394 | 0.551 | 0.433 | 1.181 | 1.217 | 1.063 |
| NCG-G0751x | NCG-G0751x | 3/4" | 13.0 | 18.0 | 12.0 | 38.0 | 38.0 | 33.0 |
| | | | 0.512 | 0.709 | 0.472 | 1.496 | 1.496 | 1.299 |
| NCG-G1001x | NCG-G1001x | 1" | 18.0 | 25.0 | 13.0 | 42.0 | 47.3 | 42.0 |
| | | | 0.709 | 0.984 | 0.512 | 1.654 | 1.862 | 1.654 |

颜色注释: 部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)



应力消除尼龙电缆格兰, 供工业用途使用

NCGS 系列



NCGS系列 - 尼龙应力头

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------------------|--------------------|---|
| | EN 62444 UL514B | 正常使用: -20°C 到 +100°C (-4°F 到 +212°F) 短期: -30°C 到 +150°C (-22°F 到 +302°F) |
| IP 等级 | 材料 | |
| IP66 | 无卤尼龙结构 | |
| IP68 (5 巴下 30 分钟) | 氯丁橡胶密封 | |
| | 可选黑色、灰色和浅灰色 | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------|-------------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | |
| | NCGS-M121x | M12x1.5 | 2.0 0.079 | 5.0 0.197 | 8.0 0.315 | 47.5 1.87 | 16.9 0.665 | 15.0 0.591 |
| | NCGS-M121x-L | M12x1.5 | 2.0 0.079 | 5.0 0.197 | 15.0 0.591 | 47.5 1.87 | 16.9 0.665 | 15.0 0.591 |
| | NCGS-M122x (cURus) | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 8.0 0.315 | 47.5 1.87 | 16.9 0.665 | 15.0 0.591 |
| | NCGS-M122x-L (cURus) | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 15.0 0.591 | 47.5 1.87 | 16.9 0.665 | 15.0 0.591 |
| | NCGS-M161x | M16x1.5 | 3.0 0.118 | 7.0 0.276 | 10.0 0.394 | 81.5 3.209 | 25.0 0.984 | 22.0 0.866 |
| | NCGS-M161x-L | M16x1.5 | 3.0 0.118 | 7.0 0.276 | 15.0 0.591 | 81.5 3.209 | 25.0 0.984 | 22.0 0.866 |
| | NCGS-M162x (cURus) | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 10.0 0.394 | 81.5 3.209 | 25.0 0.984 | 22.0 0.866 |
| | NCGS-M162x-L | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 15.0 0.591 | 81.5 3.209 | 25.0 0.984 | 22.0 0.866 |
| | NCGS-M201x | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 10.0 0.394 | 94.0 3.701 | 27.0 1.063 | 24.0 0.945 |
| | NCGS-M201x-L | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 15.0 0.591 | 94.0 3.701 | 27.0 1.063 | 24.0 0.945 |

颜色注释: 部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)

应力消除尼龙电缆格兰，供工业用途使用

NCGS 系列

—
尺寸



| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | |
|-----------------------|---------|-------|---------------|---------------|-------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| NCGS-M202x (cULus) | M20x1.5 | 6.0 | 12.0 | 10.0 | 94.0 | 27.0 | 24.0 | 24.0 |
| | | 0.236 | 0.472 | 0.394 | 3.701 | 1.063 | 0.945 | 0.945 |
| NCGS-M202x-L | M20x1.5 | 6.0 | 12.0 | 15.0 | 94.0 | 27.0 | 24.0 | 24.0 |
| | | 0.236 | 0.472 | 0.591 | 3.701 | 1.063 | 0.945 | 0.945 |
| NCGS-M203x (cULus) | M20x1.5 | 10.0 | 14.0 | 10.0 | 106.0 | 31.0 | 27.0 | 27.0 |
| | | 0.394 | 0.551 | 0.394 | 4.173 | 1.22 | 1.063 | 1.063 |
| NCGS-M203x-L | M20x1.5 | 10.0 | 14.0 | 15.0 | 106.0 | 31.0 | 27.0 | 27.0 |
| | | 0.394 | 0.551 | 0.591 | 4.173 | 1.22 | 1.063 | 1.063 |
| NCGS-M251x | M25x1.5 | 9.0 | 16.0 | 10.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.354 | 0.63 | 0.394 | 4.626 | 1.496 | 1.299 | 1.299 |
| NCGS-M251x-L | M25x1.5 | 9.0 | 16.0 | 15.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.354 | 0.63 | 0.591 | 4.626 | 1.496 | 1.299 | 1.299 |
| NCGS-M252x (cULus) | M25x1.5 | 13.0 | 18.0 | 10.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.512 | 0.709 | 0.394 | 4.626 | 1.496 | 1.299 | 1.299 |
| NCGS-M252x-L | M25x1.5 | 13.0 | 18.0 | 15.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.512 | 0.709 | 0.591 | 4.626 | 1.496 | 1.299 | 1.299 |

—
尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | |
|-----------------------|------|-------|---------------|---------------|-------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| NCGS-0381x | 3/8" | 3.0 | 7.0 | 15.0 | 81.5 | 25.0 | 22.0 | 22.0 |
| | | 0.118 | 0.276 | 0.591 | 3.209 | 0.984 | 0.866 | 0.866 |
| NCGS-0382x (cURus) | 3/8" | 5.0 | 10.0 | 15.0 | 81.5 | 25.0 | 22.0 | 22.0 |
| | | 0.197 | 0.394 | 0.591 | 3.209 | 0.984 | 0.866 | 0.866 |
| NCGS-0501x | 1/2" | 5.0 | 9.0 | 15.0 | 93.0 | 27.0 | 24.0 | 24.0 |
| | | 0.197 | 0.354 | 0.591 | 3.661 | 1.063 | 0.945 | 0.945 |
| NCGS-0502x (cULus) | 1/2" | 6.0 | 12.0 | 15.0 | 93.0 | 27.0 | 24.0 | 24.0 |
| | | 0.236 | 0.472 | 0.591 | 3.661 | 1.063 | 0.945 | 0.945 |
| NCGS-0503x (cULus) | 1/2" | 10.0 | 14.0 | 15.0 | 106.0 | 31.0 | 27.0 | 27.0 |
| | | 0.394 | 0.551 | 0.591 | 4.173 | 1.22 | 1.063 | 1.063 |
| NCGS-0504x | 1/2" | 9.0 | 16.0 | 15.0 | 117.9 | 38.0 | 33.0 | 33.0 |
| | | 0.354 | 0.63 | 0.591 | 4.642 | 1.496 | 1.299 | 1.299 |
| NCGS-0505x | 1/2" | 13.0 | 18.0 | 15.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.512 | 0.709 | 0.591 | 4.626 | 1.496 | 1.299 | 1.299 |
| NCGS-0751x | 3/4" | 9.0 | 16.0 | 15.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.354 | 0.63 | 0.591 | 4.626 | 1.496 | 1.299 | 1.299 |
| NCGS-0752x (cULus) | 3/4" | 13.0 | 18.0 | 15.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.512 | 0.709 | 0.591 | 4.626 | 1.496 | 1.299 | 1.299 |

颜色注释：部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)

应力消除尼龙电缆格兰，供工业用途使用

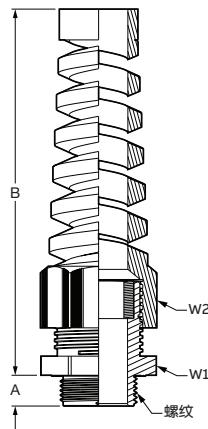
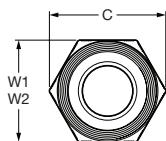
NCGS 系列

尺寸



| PG螺纹 | 部件编号 | PG螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------------------------|------|-------|---------------|---------------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| NCGS-PG71x (cURus) | PG07 | 3.0 | 6.5 | 8.0 | 57.0 | 16.9 | 15.0 | 15.0 |
| | | 0.118 | 0.255 | 0.315 | 2.244 | 0.665 | 0.591 | 0.591 |
| NCGS-PG91x (cURus) | PG09 | 4.0 | 8.0 | 8.0 | 69.5 | 21.8 | 19.0 | 19.0 |
| | | 0.157 | 0.315 | 0.315 | 2.736 | 0.858 | 0.748 | 0.748 |
| NCGS-PG112x (cURus) | PG11 | 5.0 | 10.0 | 8.0 | 81.5 | 25.3 | 22.0 | 22.0 |
| | | 0.197 | 0.394 | 0.315 | 3.212 | 0.996 | 0.866 | 0.866 |
| NCGS-PG131x (cULus) | PG13 | 6.0 | 12.0 | 10.0 | 93.0 | 27.0 | 24.0 | 24.0 |
| | | 0.236 | 0.472 | 0.394 | 3.661 | 1.063 | 0.945 | 0.945 |
| NCGS-PG161x (cULus) | PG16 | 10.0 | 14.0 | 10.0 | 106.0 | 31.1 | 27.0 | 27.0 |
| | | 0.394 | 0.551 | 0.394 | 4.173 | 1.224 | 1.063 | 1.063 |
| NCGS-PG211x (cULus) | PG21 | 13.0 | 18.0 | 11.0 | 117.5 | 38.0 | 33.0 | 33.0 |
| | | 0.512 | 0.709 | 0.433 | 4.626 | 1.496 | 1.299 | 1.299 |

颜色注释: 部件编号中的 x - B 代表黑色 (RAL 9001), G 代表灰色 (RAL 7001), LG 代表浅灰色 (RAL 7035)



尼龙电缆格兰，供常规用途使用

NSG 系列



特性和优点:

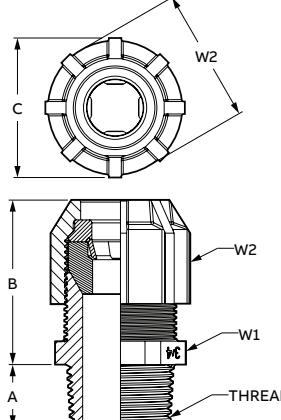
- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封，保护电缆
- 抗腐蚀

NSG系列 - Ranger 尼龙电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------|-----------------------------|---------------------------------|
| | UL514B | -34°C 到 +105°C (-29°F 到 +221°F) |
| | CSA 22.2-18 | |
| | ANSI C33.84 | |
| | NFPA 70 (ANSI) | |
| | CG293 (美国海岸警卫队) | |
| IP 等级 | 材料 | |
| | 类型 4X 或 6 (配 5262 系列密封圈) | 无卤尼龙结构 |
| | | 热塑弹性体密封圈 |
| | 潮湿或干燥区域 | 尼龙定位环 |
| 防火 | | |
| | NFPA 70 (ANSI) | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|-------|--------|-------|---------------|---------------|--------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2920NM | 1/2" | 3.18 | 9.53 | 15.49 | 38.48 | 30.71 | 25.91 | 29.31 |
| | | | 0.125 | 0.375 | 0.610 | 1.515 | 1.209 | 1.020 | 1.154 |
| | 2921NM | 1/2" | 7.87 | 14.22 | 15.49 | 38.48 | 30.71 | 25.91 | 29.31 |
| | | | 0.310 | 0.560 | 0.610 | 1.515 | 1.209 | 1.020 | 1.154 |
| | 2922NM | 1/2" | 12.70 | 19.05 | 15.49 | 39.27 | 35.61 | 30.96 | 34.24 |
| | | | 0.500 | 0.750 | 0.610 | 1.546 | 1.402 | 1.219 | 1.348 |
| | 2930NM | 3/4" | 3.18 | 9.53 | 15.88 | 39.70 | 35.61 | 30.96 | 34.24 |
| | | | 0.125 | 0.375 | 35.718 | 1.563 | 1.402 | 1.219 | 1.348 |
| | 2931NM | 3/4" | 7.87 | 14.22 | 15.88 | 39.70 | 35.61 | 30.96 | 34.24 |
| | | | 0.310 | 0.560 | 35.718 | 1.563 | 1.402 | 1.219 | 1.348 |
| | 2932NM | 3/4" | 12.70 | 19.05 | 15.88 | 39.70 | 35.61 | 30.96 | 34.24 |
| | | | 0.500 | 0.750 | 35.718 | 1.563 | 1.402 | 1.219 | 1.348 |
| | 2940NM | 1" | 7.87 | 14.22 | 17.40 | 42.14 | 41.10 | 37.69 | 34.24 |
| | | | 0.310 | 0.560 | 0.685 | 1.659 | 1.618 | 1.484 | 1.348 |
| | 2941NM | 1" | 12.70 | 19.05 | 17.40 | 42.14 | 41.10 | 37.69 | 34.24 |
| | | | 0.500 | 0.750 | 0.685 | 1.659 | 1.618 | 1.484 | 1.348 |
| | 2942NM | 1" | 17.78 | 24.13 | 17.40 | 42.93 | 42.34 | 38.10 | 41.00 |
| | | | 0.700 | 0.950 | 0.685 | 1.690 | 1.667 | 1.500 | 1.614 |



一般用途 90° 弯头尼龙电缆格兰

NSG-90 系列



NSG-90 系列 - Ranger 尼龙电缆格兰

特性和优点:

- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封, 保护电缆
- 抗腐蚀

批准及认证**合规性
符合:**

UL514B

CSA 22.2-18

ANSI C33.84

NFPA 70 (ANSI)

CG293 (美国海岸警卫队)

温度范围

-34°C 到 +105°C (-29°F 到 +221°F)

IP 等级**材料**类型 4X 或 6
(配 5262 系列密封圈)

无卤尼龙结构

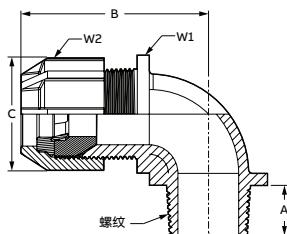
潮湿或干燥区域

防火

NFPA 70 (ANSI)

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | |
|-------|--------|-------|---------------|---------------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | 4960NM | 1/2" | 3.18 | 9.53 | 15.49 | 55.37 | 30.71 |
| | | | 0.125 | 0.375 | 0.610 | 2.180 | 1.209 |
| | 4961NM | 1/2" | 7.87 | 14.22 | 15.49 | 55.37 | 30.71 |
| | | | 0.310 | 0.560 | 0.610 | 2.180 | 1.209 |
| | 4970NM | 3/4" | 3.18 | 9.53 | 15.88 | 58.75 | 35.61 |
| | | | 0.125 | 0.375 | 0.625 | 2.313 | 1.402 |
| | 4971NM | 3/4" | 7.87 | 14.22 | 15.88 | 58.75 | 35.61 |
| | | | 0.310 | 0.560 | 0.625 | 2.313 | 1.402 |
| | 4972NM | 3/4" | 12.70 | 19.05 | 15.88 | 58.75 | 35.61 |
| | | | 0.500 | 0.750 | 0.625 | 2.313 | 1.402 |
| | | | | | | | 1.348 |



Black Beauty 尼龙电缆格兰, 供常规用途使用

NBBG-G 系列



特性和优点:

- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封, 保护电缆
- 抗拉性能增强
- 抗腐蚀

NBBG-G 系列 -Black Beauty 尼龙电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | 温度范围 |
|-----------------------------------|---|---------------------------------|
| | UL514B CSA C22.2-18.3 NFPA 70 (ANSI) / CSA C22.1 CG293 (美国海岸警卫队) | -34°C 到 +105°C (-29°F 到 +221°F) |
| IP 等级 | 材料 | |
| 类型4X (配备 5262 系列密封圈) (潮湿或干燥区域) | 无卤尼龙结构 Neoprene or TPV sealing ring | |
| 防火 | | |
| NFPA 70 (ANSI) | | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|-------|------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2671 | 3/8" | 3.18 0.125 | 6.99 0.275 | 11.76 0.463 | 39.04 1.537 | 22.86 0.900 | 19.81 0.780 | 21.34 0.840 |
| | 2690 | 1/2" | 3.18 0.125 | 6.99 0.275 | 15.37 0.605 | 41.78 1.645 | 29.34 1.155 | 25.40 1.000 | 21.34 0.840 |
| | 2672 | 1/2" | 6.35 0.250 | 10.16 0.400 | 15.37 0.605 | 50.52 1.989 | 31.98 1.259 | 27.79 1.094 | 30.35 1.195 |
| | 2673 | 1/2" | 10.16 0.400 | 14.22 0.560 | 15.37 0.605 | 50.52 1.989 | 31.98 1.259 | 27.79 1.094 | 30.35 1.195 |
| | 2691 | 1/2" | 14.22 0.560 | 17.53 0.690 | 15.37 0.605 | 60.83 2.395 | 38.71 1.524 | 33.53 1.320 | 34.54 1.360 |
| | 2692 | 1/2" | 16.76 0.660 | 19.81 0.780 | 15.37 0.605 | 60.83 2.395 | 38.71 1.524 | 33.53 1.320 | 34.54 1.360 |
| | 2693 | 3/4" | 6.35 0.250 | 10.16 0.400 | 15.67 0.617 | 52.60 2.071 | 35.79 1.409 | 30.99 1.220 | 30.35 1.195 |
| | 2694 | 3/4" | 10.16 0.400 | 14.22 0.560 | 15.67 0.617 | 52.60 2.071 | 35.79 1.409 | 30.99 1.220 | 30.35 1.195 |
| | 2674 | 3/4" | 14.22 0.560 | 17.53 0.690 | 15.67 0.617 | 60.53 2.283 | 38.71 1.524 | 33.53 1.320 | 34.54 1.360 |
| | 2675 | 3/4" | 16.76 0.660 | 19.81 0.780 | 15.67 0.617 | 60.53 2.283 | 38.71 1.524 | 33.53 1.320 | 34.54 1.360 |
| | 2696 | 3/4" | 19.56 0.770 | 22.73 0.895 | 15.67 0.617 | 65.30 2.571 | 47.85 1.884 | 41.66 1.640 | 45.72 1.800 |
| | 2676 | 1" | 16.76 0.660 | 19.81 0.780 | 19.56 0.770 | 64.59 2.543 | 47.85 1.884 | 40.64 1.600 | 45.72 1.800 |

Black Beauty 尼龙电缆格兰, 供常规用途使用

NBBG-G 系列

—
尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|--------|--------|--------|---------------|---------------|-------|--------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| 2677 | 1" | 1" | 19.56 | 22.73 | 19.56 | 69.34 | 47.85 | 40.64 | 45.72 |
| | | | 0.770 | 0.895 | 0.770 | 2.730 | 1.884 | 1.600 | 1.800 |
| 2678 | 1" | 1" | 22.10 | 25.91 | 19.56 | 69.34 | 47.85 | 40.64 | 45.72 |
| | | | 0.870 | 1.020 | 0.770 | 2.730 | 1.884 | 1.600 | 1.800 |
| 2699 | 1" | 1" | 22.61 | 27.69 | 19.56 | 83.82 | 65.38 | 56.77 | 62.99 |
| | | | 0.890 | 1.090 | 0.770 | 3.300 | 2.574 | 2.235 | 2.480 |
| 2702 | 1 1/4" | 1 1/4" | 22.61 | 27.69 | 20.17 | 63.98 | 65.38 | 56.39 | 62.99 |
| | | | 0.890 | 1.090 | 0.794 | 2.519 | 2.574 | 2.220 | 2.480 |
| 2703 | 1 1/4" | 1 1/4" | 27.43 | 32.51 | 20.17 | 81.43 | 65.38 | 56.39 | 62.99 |
| | | | 1.080 | 1.280 | 0.794 | 3.206 | 2.574 | 2.220 | 2.480 |
| 2704 | 1 1/4" | 1 1/4" | 32.26 | 37.34 | 20.17 | 81.43 | 65.38 | 56.39 | 62.99 |
| | | | 1.270 | 1.470 | 0.794 | 3.206 | 2.574 | 2.220 | 2.480 |
| 2705TB | 1 1/2" | 1 1/2" | 22.61 | 29.21 | 20.57 | 85.80 | 76.28 | 66.68 | 71.63 |
| | | | 0.890 | 1.150 | 0.810 | 3.378 | 3.003 | 2.625 | 2.820 |
| 2706 | 1 1/2" | 1 1/2" | 28.96 | 35.56 | 20.57 | 88.98 | 76.99 | 66.68 | 71.63 |
| | | | 1.140 | 1.400 | 0.810 | 3.503 | 3.031 | 2.625 | 2.820 |
| 2707 | 1 1/2" | 1 1/2" | 35.31 | 41.91 | 20.57 | 88.98 | 76.99 | 66.68 | 71.63 |
| | | | 1.390 | 1.650 | 0.810 | 3.503 | 3.031 | 2.625 | 2.820 |
| 2708 | 2" | 2" | 30.23 | 38.86 | 21.41 | 107.98 | 98.98 | 79.38 | 85.73 |
| | | | 1.190 | 1.530 | 0.843 | 4.251 | 3.897 | 3.125 | 3.375 |
| 2709 | 2" | 2" | 38.61 | 47.24 | 21.41 | 103.20 | 98.98 | 79.38 | 85.73 |
| | | | 1.520 | 1.860 | 0.843 | 4.063 | 3.897 | 3.125 | 3.375 |
| 2710 | 2" | 2" | 46.99 | 55.63 | 21.41 | 103.20 | 98.98 | 79.38 | 85.73 |
| | | | 1.850 | 2.190 | 0.843 | 4.063 | 3.897 | 3.125 | 3.375 |

Black Beauty 90°弯头尼龙电缆格兰, 供常规用途使用

NBBG-R90 系列



特性和优点:

- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封, 保护电缆
- 抗拉性能增强
- 抗腐蚀

NBBG-R90 系列 - Black Beauty 90°弯头尼龙电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 | | |
|----------------|----------------------------|---------------------------------|---------------|--|
| | | -34°C 到 +105°C (-29°F 到 +221°F) | | |
| | UL514B | | | |
| | CSA C22.2-18.3 | | | |
| | NFPA 70 (ANSI) / CSA C22.1 | IP 等级 | | |
| | CG293 (美国海岸警卫队) | 类型 4X (配备 5262 系列密封圈) | 无卤尼龙结构 | |
| | | (潮湿或干燥区域) | 氯丁橡胶或 TPV 密封圈 | |
| 防火 | | | | |
| NFPA 70 (ANSI) | | | | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|-------|------|-------|----------------|----------------|----------------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2680 | 3/8" | 3.18 0.125 | 6.99 0.275 | 11.76 0.463 | 45.72 | 22.86 | 22.35 | 21.34 |
| | 2681 | 1/2" | 6.35 0.250 | 10.16 0.400 | 15.37 0.605 | 63.50 | 31.98 | 30.48 | 30.35 |
| | 2682 | 1/2" | 10.16 0.400 | 14.22 0.560 | 15.37 0.605 | 63.50 | 31.98 | 30.48 | 30.35 |
| | 2683 | 3/4" | 14.22 0.560 | 17.53 0.690 | 15.67 0.617 | 71.12 | 37.47 | 37.47 | 37.08 |
| | 2684 | 3/4" | 16.76 0.660 | 19.81 0.780 | 15.67 0.617 | 71.12 | 37.47 | 37.47 | 37.08 |
| | 2688 | 1" | 14.22 0.560 | 17.53 0.690 | 19.56 0.770 | 76.20 | 47.85 | 46.99 | 45.72 |
| | 2685 | 3/4" | 16.76 0.660 | 19.81 0.780 | 1.800 0.617 | 81.28 | 47.85 | 46.99 | 45.72 |
| | 2686 | 3/4" | 19.56 0.770 | 22.73 0.895 | 19.56 0.770 | 81.28 | 47.85 | 46.99 | 45.72 |
| | 2687 | 1" | 22.10 0.870 | 25.91 1.020 | 19.56 0.770 | 81.28 | 47.85 | 46.99 | 45.72 |
| | | | | | | 3.200 | 1.884 | 1.850 | 1.800 |

黄铜, 电缆格兰, 供常规用途使用

BCG 系列



BCG 系列 - 黄铜电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------------------|--------------------|---|
| | EN 62444 UL514B | 正常使用: -20°C 到 +100°C (-4°F 到 +212°F) 短期: -30°C 到 +150°C (-22°F 到 +302°F) |
| IP 等级 | 材料 | |
| IP66 | 镀锌黄铜结构 | |
| IP68 (5 巴下 30 分钟) | 氯丁橡胶密封 | |
| NEMA 4 | | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | | |
|------|-----------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | BCG-M121 | M12x1.5 | 2.0 0.079 | 5.0 0.197 | 6.0 0.236 | 22.0 0.866 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | BCG-M122 (cURus) | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 6.0 0.236 | 22.0 0.866 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | BCG-M122-L | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 12.0 0.472 | 22.0 0.866 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | BCG-M161 | M16x1.5 | 2.0 0.079 | 6.0 0.236 | 7.0 0.276 | 23.0 0.906 | 20.0 0.787 | 18.0 0.709 | 17.0 0.669 |
| | BCG-M161-L | M16x1.5 | 2.0 0.079 | 6.0 0.236 | 12.0 0.472 | 23.0 0.906 | 20.0 0.787 | 18.0 0.709 | 17.0 0.669 |
| | BCG-M162 (cURus) | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 7.0 0.276 | 23.0 0.906 | 20.0 0.787 | 18.0 0.709 | 17.0 0.669 |
| | BCG-M162-L | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 12.0 0.472 | 23.0 0.906 | 20.0 0.787 | 18.0 0.709 | 17.0 0.669 |
| | BCG-M163 (cURus) | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 7.0 0.276 | 28.5 1.122 | 22.0 0.866 | 20.0 0.787 | 20.0 0.787 |
| | BCG-M163-L (cURus) | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 12.0 0.472 | 28.5 1.122 | 22.0 0.866 | 20.0 0.787 | 20.0 0.787 |
| | BCG-M201 | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 8.0 0.315 | 26.0 1.024 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | BCG-M201-L | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 12.0 0.472 | 26.0 1.024 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | BCG-M202 (cULus) | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 8.0 0.315 | 26.5 1.043 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |

黄铜电缆格兰(常规用途)

BCG 系列

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|------|-----------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | BCG-M202-L (cULus) | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 12.0 0.472 | 26.0 1.024 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | BCG-M203 (cULus) | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 8.0 0.315 | 28.0 1.102 | 26.8 1.055 | 24.0 0.945 | 24.0 0.945 |
| | BCG-M203-L | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 12.0 0.472 | 28.0 1.102 | 26.8 1.055 | 24.0 0.945 | 24.0 0.945 |
| | BCG-M251 | M25x1.5 | 7.0 0.276 | 12.0 0.472 | 8.0 0.315 | 28.0 1.102 | 29.8 1.173 | 27.0 1.063 | 24.0 0.945 |
| | BCG-M251-L | M25x1.5 | 7.0 0.276 | 12.0 0.472 | 12.0 0.472 | 28.0 1.102 | 29.8 1.173 | 27.0 1.063 | 24.0 0.945 |
| | BCG-M252 | M25x1.5 | 9.0 0.354 | 16.0 0.630 | 8.0 0.315 | 33.0 1.299 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | BCG-M252-L | M25x1.5 | 9.0 0.354 | 16.0 0.630 | 12.0 0.472 | 33.0 1.299 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | BCG-M253 (cULus) | M25x1.5 | 10.0 0.394 | 14.0 0.551 | 8.0 0.315 | 28.0 1.102 | 29.8 1.173 | 27.0 1.063 | 24.0 0.945 |
| | BCG-M253-L | M25x1.5 | 10.0 0.394 | 14.0 0.551 | 12.0 0.472 | 28.0 1.102 | 29.8 1.173 | 27.0 1.063 | 24.0 0.945 |
| | BCG-M254 (cULus) | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 8.0 0.315 | 33.0 1.299 | 32.0 1.260 | 30.0 1.181 | 30.0 1.181 |
| | BCG-M254-L | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 12.0 0.472 | 33.0 1.299 | 32.0 1.260 | 30.0 1.181 | 30.0 1.181 |
| | BCG-M321 | M32x1.5 | 9.0 0.354 | 16.0 0.630 | 9.0 0.354 | 33.0 1.299 | 37.5 1.476 | 34.0 1.339 | 30.0 1.181 |
| | BCG-M321-L | M32x1.5 | 9.0 0.354 | 16.0 0.630 | 15.0 0.591 | 33.0 1.299 | 37.5 1.476 | 34.0 1.339 | 30.0 1.181 |
| | BCG-M322 | M32x1.5 | 12.0 0.472 | 20.0 0.787 | 9.0 0.354 | 44.0 1.732 | 44.5 1.752 | 40.0 1.575 | 40.0 1.575 |
| | BCG-M322-L | M32x1.5 | 12.0 0.472 | 20.0 0.787 | 15.0 0.591 | 44.0 1.732 | 44.5 1.752 | 40.0 1.575 | 40.0 1.575 |
| | BCG-M323 (cULus) | M32x1.5 | 13.0 0.512 | 18.0 0.709 | 9.0 0.354 | 33.0 1.299 | 37.5 1.476 | 34.0 1.339 | 30.0 1.181 |
| | BCG-M323-L | M32x1.5 | 13.0 0.512 | 18.0 0.709 | 15.0 0.591 | 33.0 1.299 | 37.5 1.476 | 34.0 1.339 | 30.0 1.181 |
| | BCG-M324 (cULus) | M32x1.5 | 15.0 0.591 | 21.0 0.827 | 8.0 0.315 | 36.0 1.417 | 37.0 1.457 | 34.0 1.339 | 34.0 1.339 |
| | BCG-M324-L (cULus) | M32x1.5 | 15.0 0.591 | 21.0 0.827 | 15.0 0.591 | 36.0 1.417 | 37.0 1.457 | 34.0 1.339 | 34.0 1.339 |
| | BCG-M325 (cULus) | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 9.0 0.354 | 44.0 1.732 | 44.5 1.752 | 40.0 1.575 | 40.0 1.575 |
| | BCG-M325-L | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 15.0 0.591 | 44.0 1.732 | 44.5 1.752 | 40.0 1.575 | 40.0 1.575 |
| | BCG-M401 | M40x1.5 | 12.0 0.472 | 20.0 0.787 | 9.0 0.354 | 38.5 1.516 | 48.5 1.909 | 43.0 1.693 | 40.0 1.575 |
| | BCG-M401-L | M40x1.5 | 12.0 0.472 | 20.0 0.787 | 15.0 0.591 | 38.5 1.516 | 48.5 1.909 | 43.0 1.693 | 40.0 1.575 |
| | BCG-M402 | M40x1.5 | 16.0 0.630 | 23.0 0.906 | 9.0 0.354 | 43.5 1.713 | 48.4 1.906 | 43.0 1.693 | 43.0 1.693 |
| | BCG-M402-L | M40x1.5 | 16.0 0.630 | 23.0 0.906 | 15.0 0.591 | 43.5 1.713 | 48.4 1.906 | 43.0 1.693 | 43.0 1.693 |

黄铜电缆格兰(常规用途)

BCG 系列

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尺寸



| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | |
|------|-----------------------|---------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | BCG-M403 (cULus) | M40x1.5 | 19.0 0.748 | 28.0 1.102 | 9.0 0.354 | 43.5 1.713 | 48.4 1.906 |
| | BCG-M403-L (cULus) | M40x1.5 | 19.0 0.748 | 28.0 1.102 | 15.0 0.591 | 43.5 1.713 | 48.4 1.906 |
| | BCG-M404 (cULus) | M40x1.5 | 22.0 0.866 | 32.0 1.260 | 9.0 0.354 | 52.5 2.067 | 55.5 2.185 |
| | BCG-M404-L | M40x1.5 | 22.0 0.866 | 32.0 1.260 | 15.0 0.591 | 52.5 2.067 | 55.5 2.185 |
| | BCG-M501 | M50x1.5 | 20.0 0.787 | 26.0 1.024 | 9.0 0.354 | 48.0 1.890 | 61.0 2.402 |
| | BCG-M501-L | M50x1.5 | 20.0 0.787 | 26.0 1.024 | 15.0 0.591 | 48.0 1.890 | 61.0 2.402 |
| | BCG-M502 (cULus) | M50x1.5 | 22.0 0.866 | 32.0 1.260 | 9.0 0.354 | 48.0 1.890 | 61.0 2.402 |
| | BCG-M502-L | M50x1.5 | 22.0 0.866 | 32.0 1.260 | 15.0 0.591 | 48.0 1.890 | 61.0 2.402 |
| | BCG-M503 (cULus) | M50x1.5 | 27.0 1.063 | 38.0 1.496 | 9.0 0.354 | 52.0 2.047 | 64.0 2.520 |
| | BCG-M503-L (cULus) | M50x1.5 | 27.0 1.063 | 38.0 1.496 | 15.0 0.591 | 52.0 2.047 | 64.0 2.520 |
| | BCG-M504 | M50x1.5 | 34.0 1.339 | 44.0 1.732 | 9.0 0.354 | 52.8 2.079 | 75.0 2.953 |
| | BCG-M504-L | M50x1.5 | 34.0 1.339 | 44.0 1.732 | 15.0 0.591 | 52.8 2.079 | 75.0 2.953 |
| | BCG-M631 | M63x1.5 | 29.0 1.142 | 35.0 1.378 | 10.0 0.394 | 54.0 2.126 | 75.0 2.953 |
| | BCG-M631-L | M63x1.5 | 29.0 1.142 | 35.0 1.378 | 18.0 0.709 | 54.0 2.126 | 75.0 2.953 |
| | BCG-M632 (cULus) | M63x1.5 | 34.0 1.339 | 44.0 1.732 | 10.0 0.394 | 54.0 2.126 | 75.0 2.953 |
| | BCG-M632-L (cULus) | M63x1.5 | 34.0 1.339 | 44.0 1.732 | 18.0 0.709 | 53.0 2.087 | 75.0 2.953 |
| | BCG-M633 | M63x1.5 | 37.0 1.457 | 53.0 2.087 | 10.0 0.394 | 51.0 2.008 | 83.0 3.268 |
| | BCG-M633-L | M63x1.5 | 37.0 1.457 | 53.0 2.087 | 18.0 0.709 | 51.0 2.008 | 83.0 3.268 |
| | | | | | | | |

—
尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | |
|-------|----------|----------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | BCG-0381 | 3/8" NPT | 2.0 0.079 | 6.0 0.236 | 11.5 0.453 | 23.0 0.906 | 21.0 0.827 |
| | BCG-0382 | 3/8" NPT | 5.0 0.197 | 10.0 0.394 | 11.5 0.453 | 29.5 1.161 | 22.0 0.866 |
| | BCG-0501 | 1/2" NPT | 5.0 0.197 | 9.0 0.354 | 13.0 0.512 | 25.5 1.004 | 24.5 0.965 |
| | | | | | | | |

黄铜电缆格兰(常规用途)

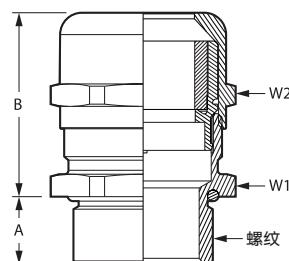
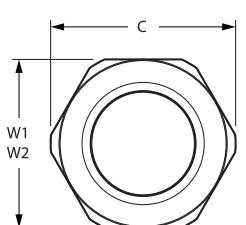
BCG 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | |
|-------|---------------------|----------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | BCG-0502 (cULus) | 1/2" NPT | 6.0 0.236 | 12.0 0.472 | 13.0 0.512 | 25.5 1.004 | 24.5 0.965 |
| | BCG-0503 | 1/2" NPT | 10.0 0.394 | 14.0 0.551 | 13.0 0.512 | 28.0 1.102 | 26.8 1.055 |
| | BCG-0751 | 3/4" NPT | 9.0 0.354 | 16.0 0.630 | 13.0 0.512 | 36.0 1.417 | 33.0 1.299 |
| | BCG-0752 (cULus) | 3/4" NPT | 13.0 0.512 | 18.0 0.709 | 13.0 0.512 | 36.0 1.417 | 33.0 1.299 |
| | BCG-1001 | 1" NPT | 12.0 0.472 | 20.0 0.787 | 13.0 0.512 | 43.0 1.693 | 48.5 1.909 |
| | BCG-1002 (cULus) | 1" NPT | 18.0 0.709 | 25.0 0.984 | 13.0 0.512 | 43.0 1.693 | 48.5 1.909 |
| | | | | | | | |

尺寸

| PG螺纹 | 部件编号 | PG螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | |
|------|------------------------|--------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | BCG-PG71 | PG07 | 2.0 0.079 | 5.0 0.197 | 6.0 0.236 | 22.0 0.866 | 15.5 0.610 |
| | BCG-PG71-L | PG07 | 2.0 0.079 | 5.0 0.197 | 10.0 0.394 | 22.0 0.866 | 15.5 0.610 |
| | BCG-PG72 (cURus) | PG07 | 3.0 0.118 | 6.5 0.256 | 6.0 0.236 | 22.0 0.866 | 15.5 0.610 |
| | BCG-PG72-L (cURus) | PG07 | 3.0 0.118 | 6.5 0.256 | 10.0 0.394 | 22.0 0.866 | 15.5 0.610 |
| | BCG-PG91 | PG09 | 2.0 0.079 | 6.0 0.236 | 6.0 0.236 | 23.5 0.925 | 18.9 0.744 |
| | BCG-PG91-L | PG09 | 2.0 0.079 | 6.0 0.236 | 10.0 0.394 | 23.5 0.925 | 18.9 0.744 |
| | BCG-PG92 (cURus) | PG09 | 4.0 0.157 | 8.0 0.315 | 6.0 0.236 | 23.5 0.925 | 18.9 0.744 |
| | BCG-PG92-L (cURus) | PG09 | 4.0 0.157 | 8.0 0.315 | 10.0 0.394 | 23.5 0.925 | 18.9 0.744 |
| | BCG-PG111 | PG11 | 3.0 0.118 | 7.0 0.276 | 6.0 0.236 | 26.0 1.024 | 22.0 0.866 |
| | BCG-PG111-L | PG11 | 3.0 0.118 | 7.0 0.276 | 10.0 0.394 | 26.0 1.024 | 22.0 0.866 |
| | BCG-PG112 (cURus) | PG11 | 5.0 0.197 | 10.0 0.394 | 6.0 0.236 | 26.0 1.024 | 22.0 0.866 |
| | BCG-PG112-L (cURus) | PG11 | 5.0 0.197 | 10.0 0.394 | 10.0 0.394 | 26.0 1.024 | 22.0 0.866 |
| | BCG-PG131 | PG13.5 | 5.0 0.197 | 9.0 0.354 | 6.5 0.256 | 24.5 0.965 | 24.5 0.965 |
| | BCG-PG131-L | PG13.5 | 5.0 0.197 | 9.0 0.354 | 10.0 0.394 | 24.5 0.965 | 24.5 0.965 |
| | BCG-PG132 (cULus) | PG13.5 | 6.0 0.236 | 12.0 0.472 | 6.5 0.256 | 24.5 0.965 | 22.0 0.866 |
| | | | | | | | |



黄铜电缆格兰(常规用途)

BCG 系列

尺寸

| PG螺纹 | 部件编号 | PG螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | |
|------|------------------------|--------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | BCG-PG132-L (cULus) | PG13.5 | 6.0 0.236 | 12.0 0.472 | 10.0 0.394 | 24.5 0.965 | 24.5 0.965 |
| | BCG-PG161 | PG16 | 7.0 0.276 | 12.0 0.472 | 6.5 0.256 | 28.0 1.102 | 26.5 1.043 |
| | BCG-PG161-L | PG16 | 7.0 0.276 | 12.0 0.472 | 10.0 0.394 | 28.0 1.102 | 26.5 1.043 |
| | BCG-PG162 (cULus) | PG16 | 10.0 0.394 | 14.0 0.551 | 6.5 0.256 | 28.0 1.102 | 26.5 1.043 |
| | BCG-PG162-L (cULus) | PG16 | 10.0 0.394 | 14.0 0.551 | 10.0 0.394 | 28.0 1.102 | 26.5 1.043 |
| | BCG-PG211 | PG21 | 9.0 0.354 | 16.0 0.630 | 7.2 0.283 | 33.0 1.299 | 33.0 1.299 |
| | BCG-PG211-L | PG21 | 9.0 0.354 | 16.0 0.630 | 10.0 0.394 | 33.0 1.299 | 33.0 1.299 |
| | BCG-PG212 (cULus) | PG21 | 13.0 0.512 | 18.0 0.709 | 7.2 0.283 | 33.0 1.299 | 33.0 1.299 |
| | BCG-PG212-L (cULus) | PG21 | 13.0 0.512 | 18.0 0.709 | 12.0 0.472 | 33.0 1.299 | 33.0 1.299 |
| | BCG-PG291 | PG29 | 12.0 0.472 | 20.0 0.787 | 8.0 0.315 | 38.5 1.516 | 44.5 1.752 |
| | BCG-PG291-L | PG29 | 12.0 0.472 | 20.0 0.787 | 12.0 0.472 | 38.5 1.516 | 44.5 1.752 |
| | BCG-PG292 (cULus) | PG29 | 18.0 0.709 | 25.0 0.984 | 8.0 0.315 | 38.5 1.516 | 44.5 1.752 |
| | BCG-PG292-L (cULus) | PG29 | 18.0 0.709 | 25.0 0.984 | 12.0 0.472 | 38.5 1.516 | 44.5 1.752 |
| | BCG-PG361 | PG36 | 20.0 0.787 | 26.0 1.024 | 9.0 0.354 | 48.0 1.890 | 55.5 2.185 |
| | BCG-PG361-L | PG36 | 20.0 0.787 | 26.0 1.024 | 14.0 0.551 | 48.0 1.890 | 55.5 2.185 |
| | BCG-PG362 (cULus) | PG36 | 22.0 0.866 | 32.0 1.260 | 9.0 0.354 | 48.0 1.890 | 55.5 2.185 |
| | BCG-PG362-L (cULus) | PG36 | 22.0 0.866 | 32.0 1.260 | 14.0 0.551 | 48.0 1.890 | 55.5 2.185 |
| | BCG-PG421 | PG42 | 25.0 0.984 | 31.0 1.220 | 12.0 0.472 | 49.0 1.929 | 64.0 2.520 |
| | BCG-PG421-L | PG42 | 25.0 0.984 | 31.0 1.220 | 16.0 0.630 | 49.0 1.929 | 64.0 2.520 |
| | BCG-PG422 (cULus) | PG42 | 30.0 1.181 | 38.0 1.496 | 12.0 0.472 | 49.0 1.929 | 64.0 2.520 |
| | BCG-PG422-L (cULus) | PG42 | 30.0 1.181 | 38.0 1.496 | 16.0 0.630 | 49.0 1.929 | 64.0 2.520 |
| | BCG-PG481 | PG48 | 29.0 1.142 | 35.0 1.378 | 14.0 0.551 | 52.5 2.067 | 70.0 2.756 |
| | BCG-PG481-L | PG48 | 29.0 1.142 | 35.0 1.378 | 18.0 0.709 | 52.5 2.067 | 70.0 2.756 |
| | BCG-PG482 (cULus) | PG48 | 34.0 1.339 | 44.0 1.732 | 14.0 0.551 | 52.5 2.067 | 70.0 2.756 |
| | BCG-PG482-L (cULus) | PG48 | 34.0 1.339 | 44.0 1.732 | 18.0 0.709 | 52.5 2.067 | 70.0 2.756 |

316L 不锈钢电缆格兰 (常规用途)

SCG 系列



特性和优点:

- 紧凑型电缆格兰
- 电缆锁紧范围广
- 抗腐蚀性极强
- 适用于潮湿环境条件

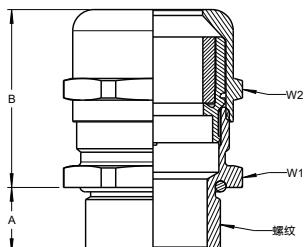
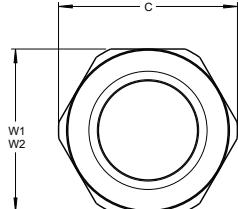
SCG 系列 - 316L 不锈钢电缆格兰

| 批准及认证 | 合规性 符合: |
|-------|---|
| | EN 62444 UL514B / CSA C22.2 第 18.3 号 (详细信息请见表格) |

| 温度范围 |
|--|
| 工作范围: -20°C 到 +100°C (-4°F 到 +212°F) – |
| 短期: -30°C 到 +150°C (-22°F 到 +302°F) |
| IP 等级 |
| IP66 不锈钢 316L 结构 |
| IP68 (5 巴下 30 分钟) 氯丁橡胶密封 |
| NEMA 4 |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | | |
|------|------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | | |
| | SCG-M121 | M12x1.5 | 2.0 0.079 | 5.0 0.197 | 6.0 0.236 | 22.0 0.866 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | SCG-M122 | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 6.0 0.236 | 22.0 0.866 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | SCG-M122-L | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 12.0 0.472 | 22.0 0.866 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | SCG-M161 | M16x1.5 | 2.0 0.079 | 6.0 0.236 | 7.0 0.276 | 23.0 0.906 | 20.8 0.819 | 19.0 0.748 | 17.0 0.669 |
| | SCG-M161-L | M16x1.5 | 2.0 0.079 | 6.0 0.236 | 12.0 0.472 | 23.0 0.906 | 20.8 0.819 | 19.0 0.748 | 17.0 0.669 |
| | SCG-M162 | M16x1.5 (cURus) | 4.0 0.157 | 8.0 0.315 | 7.0 0.276 | 23.0 0.906 | 20.8 0.819 | 19.0 0.748 | 17.0 0.669 |
| | SCG-M162-L | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 12.0 0.472 | 23.0 0.906 | 20.8 0.819 | 19.0 0.748 | 17.0 0.669 |
| | SCG-M163 | M16x1.5 (cURus) | 5.0 0.197 | 10.0 0.394 | 7.0 0.276 | 28.5 1.122 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | SCG-M163-L | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 12.0 0.472 | 28.5 1.122 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | SCG-M201 | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 8.0 0.315 | 25.5 1.004 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | SCG-M201-L | M20x1.5 | 5.0 0.197 | 9.0 0.354 | 12.0 0.472 | 25.5 1.004 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | SCG-M202 | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 8.0 0.315 | 25.5 1.004 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |



316L 不锈钢电缆格兰 (常规用途)

SCG 系列

尺寸

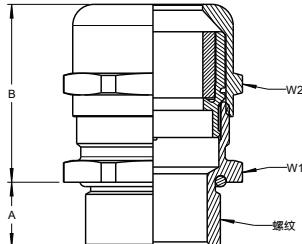
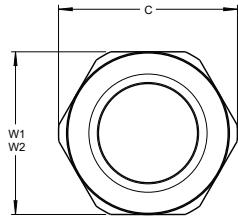
| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆规格 | | | | 标称尺寸 (mm/in) | | |
|------|------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 W2 | |
| | SCG-M202-L | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 12.0 0.472 | 25.5 1.004 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | SCG-M203 | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 8.0 0.315 | 27.5 1.083 | 26.8 1.055 | 24.0 0.945 | 24.0 0.945 |
| | SCG-M203-L | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 12.0 0.472 | 27.5 1.083 | 26.8 1.055 | 24.0 0.945 | 24.0 0.945 |
| | SCG-M251 | M25x1.5 | 7.0 0.276 | 12.0 0.472 | 8.0 0.315 | 27.5 1.083 | 29.6 1.165 | 27.0 1.063 | 24.0 0.945 |
| | SCG-M251-L | M25x1.5 | 7.0 0.276 | 12.0 0.472 | 12.0 0.472 | 27.5 1.083 | 29.6 1.165 | 27.0 1.063 | 24.0 0.945 |
| | SCG-M252 | M25x1.5 | 9.0 0.354 | 16.0 0.630 | 8.0 0.315 | 31.5 1.24 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | SCG-M252-L | M25x1.5 | 9.0 0.354 | 16.0 0.630 | 12.0 0.472 | 31.5 1.24 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | SCG-M253 | M25x1.5 | 10.0 0.394 | 14.0 0.551 | 8.0 0.315 | 27.5 1.083 | 29.6 1.165 | 27.0 1.063 | 24.0 0.945 |
| | SCG-M253-L | M25x1.5 | 10.0 0.394 | 14.0 0.551 | 12.0 0.472 | 27.5 1.083 | 29.6 1.165 | 27.0 1.063 | 24.0 0.945 |
| | SCG-M254 | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 8.0 0.315 | 31.5 1.24 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | SCG-M254-L | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 12.0 0.472 | 31.5 1.24 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | SCG-M321 | M32x1.5 | 9.0 0.354 | 16.0 0.630 | 9.0 0.354 | 32.5 1.28 | 38.9 1.531 | 36.0 1.417 | 30.0 1.181 |
| | SCG-M321-L | M32x1.5 | 9.0 0.354 | 16.0 0.630 | 15.0 0.591 | 32.5 1.28 | 38.9 1.531 | 36.0 1.417 | 30.0 1.181 |
| | SCG-M322 | M32x1.5 | 12.0 0.472 | 20.0 0.787 | 9.0 0.354 | 39.5 1.555 | 44.5 1.752 | 41.0 1.614 | 41.0 1.614 |
| | SCG-M322-L | M32x1.5 | 12.0 0.472 | 20.0 0.787 | 15.0 0.591 | 39.5 1.555 | 44.5 1.752 | 41.0 1.614 | 41.0 1.614 |
| | SCG-M323 | M32x1.5 | 13.0 0.512 | 18.0 0.709 | 9.0 0.354 | 32.5 1.28 | 38.9 1.531 | 36.0 1.417 | 30.0 1.181 |
| | SCG-M323-L | M32x1.5 | 13.0 0.512 | 18.0 0.709 | 15.0 0.591 | 32.5 1.28 | 38.9 1.531 | 36.0 1.417 | 30.0 1.181 |
| | SCG-M324 | M32x1.5 (cULus) | 15.0 0.591 | 21.0 0.827 | 8.0 0.315 | 36.0 1.417 | 39.0 1.535 | 36.0 1.417 | 36.0 1.417 |
| | SCG-M324-L | M32x1.5 | 15.0 0.591 | 21.0 0.827 | 15.0 0.591 | 36.0 1.417 | 39.0 1.535 | 36.0 1.417 | 36.0 1.417 |
| | SCG-M325 | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 9.0 0.354 | 39.5 1.555 | 44.5 1.752 | 41.0 1.614 | 41.0 1.614 |
| | SCG-M325-L | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 15.0 0.591 | 39.5 1.555 | 44.5 1.752 | 41.0 1.614 | 41.0 1.614 |
| | SCG-M401 | M40x1.5 | 12.0 0.472 | 20.0 0.787 | 9.0 0.354 | 40.5 1.594 | 51.4 2.024 | 46.0 1.811 | 41.0 1.614 |
| | SCG-M401-L | M40x1.5 | 12.0 0.472 | 20.0 0.787 | 15.0 0.591 | 40.5 1.594 | 51.4 2.024 | 46.0 1.811 | 41.0 1.614 |
| | SCG-M402 | M40x1.5 (cULus) | 19.0 0.748 | 28.0 1.102 | 9.0 0.354 | 43.5 1.713 | 51.4 2.024 | 46.0 1.811 | 46.0 1.811 |
| | SCG-M402-L | M40x1.5 | 19.0 0.748 | 28.0 1.102 | 15.0 0.591 | 43.5 1.713 | 51.4 2.024 | 46.0 1.811 | 46.0 1.811 |

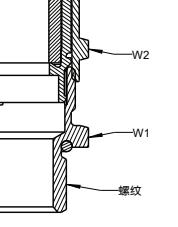


316L 不锈钢电缆格兰（常规用途）

SCG 系列

一
尺寸



| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|---|------------|--------------------|---------------|---------------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
|  | SCG-M403 | M40x1.5 | 18.0 | 25.0 | 9.0 | 40.5 | 51.4 | 46.0 |
| | | | 0.709 | 0.984 | 0.354 | 1.594 | 2.024 | 1.811 |
|  | SCG-M403-L | M40x1.5 | 19.0 | 28.0 | 15.0 | 40.5 | 51.4 | 46.0 |
| | | | 0.748 | 1.102 | 0.591 | 1.594 | 2.024 | 1.811 |
|  | SCG-M404 | M40x1.5 | 22.0 | 32.0 | 9.0 | 47.5 | 55.5 | 50.0 |
| | | | 0.866 | 1.260 | 0.354 | 1.87 | 2.185 | 1.969 |
|  | SCG-M404-L | M40x1.5 | 22.0 | 32.0 | 15.0 | 47.5 | 55.5 | 50.0 |
| | | | 0.866 | 1.260 | 0.591 | 1.87 | 2.185 | 1.969 |
|  | SCG-M501 | M50x1.5 | 20.0 | 26.0 | 9.0 | 46.0 | 60.0 | 55.0 |
| | | | 0.787 | 1.024 | 0.354 | 1.811 | 2.362 | 2.165 |
|  | SCG-M501-L | M50x1.5 | 20.0 | 26.0 | 15.0 | 46.0 | 60.0 | 55.0 |
| | | | 0.787 | 1.024 | 0.591 | 1.811 | 2.362 | 2.165 |
|  | SCG-M502 | M50x1.5 | 22.0 | 32.0 | 9.0 | 46.0 | 60.0 | 55.0 |
| | | | 0.866 | 1.260 | 0.354 | 1.811 | 2.362 | 2.165 |
| | SCG-M502-L | M50x1.5 | 22.0 | 32.0 | 15.0 | 46.0 | 60.0 | 55.0 |
| | | | 0.866 | 1.260 | 0.591 | 1.811 | 2.362 | 2.165 |
| | SCG-M503 | M50x1.5 (cULus) | 27.0 | 38.0 | 9.0 | 51.5 | 67.2 | 60.0 |
| | | | 1.063 | 1.496 | 0.354 | 2.028 | 2.646 | 2.362 |
| | SCG-M503-L | M50x1.5 | 27.0 | 38.0 | 15.0 | 51.5 | 67.2 | 60.0 |
| | | | 1.063 | 1.496 | 0.591 | 2.028 | 2.646 | 2.362 |
| | SCG-M504 | M50x1.5 | 34.0 | 44.0 | 9.0 | 52.0 | 71.0 | 65.0 |
| | | | 1.339 | 1.732 | 0.354 | 2.047 | 2.795 | 2.559 |
| | SCG-M504-L | M50x1.5 | 34.0 | 44.0 | 15.0 | 53.0 | 71.0 | 65.0 |
| | | | 1.339 | 1.732 | 0.591 | 2.087 | 2.795 | 2.559 |
| | SCG-M631 | M63x1.5 | 29.0 | 35.0 | 10.0 | 53.0 | 77.0 | 70.0 |
| | | | 1.142 | 1.378 | 0.394 | 2.087 | 2.953 | 2.756 |
| | SCG-M631-L | M63x1.5 | 29.0 | 35.0 | 18.0 | 53.5 | 77.0 | 70.0 |
| | | | 1.142 | 1.378 | 0.709 | 2.106 | 2.953 | 2.756 |
| | SCG-M632 | M63x1.5 | 34.0 | 44.0 | 10.0 | 53.5 | 77.0 | 70.0 |
| | | | 1.339 | 1.732 | 0.394 | 2.106 | 3.031 | 2.756 |
| | SCG-M632-L | M63x1.5 | 34.0 | 44.0 | 18.0 | 53.5 | 53.5 | 70.0 |
| | | | 1.339 | 1.732 | 0.709 | 2.106 | 2.106 | 2.756 |
| | SCG-M633 | M63x1.5 | 37.0 | 53.0 | 10.0 | 51.0 | 83.0 | 75.0 |
| | | | 1.457 | 2.087 | 0.394 | 2.008 | 3.268 | 2.953 |
| | SCG-M633-L | M63x1.5 | 37.0 | 53.0 | 18.0 | 51.0 | 83.0 | 75.0 |
| | | | 1.457 | 2.087 | 0.709 | 2.008 | 3.268 | 2.953 |

一
尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | |
|----------|----------|-------|---------------|---------------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| SCG-0381 | 3/8" NPT | 2.0 | 6.0 | 11.5 | 23.0 | 21.0 | 19.0 | 17.0 |
| | | 0.079 | 0.236 | 0.453 | 0.906 | 0.827 | 0.748 | 0.669 |
| SCG-0382 | 3/8" NPT | 5.0 | 10.0 | 11.5 | 29.5 | 22.0 | 20.0 | 20.0 |
| | | 0.197 | 0.394 | 0.453 | 1.161 | 0.866 | 0.787 | 0.787 |
| SCG-0501 | 1/2" NPT | 5.0 | 9.0 | 13.0 | 29.0 | 30.5 | 27.0 | 22.0 |
| | | 0.197 | 0.354 | 0.512 | 1.142 | 1.201 | 1.063 | 0.866 |

316L 不锈钢电缆格兰(常规用途)

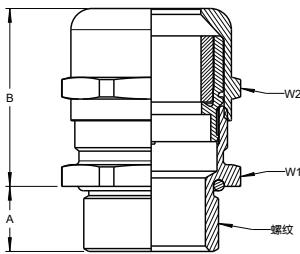
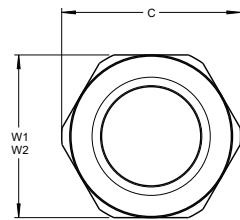
SCG 系列

一
尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | |
|---|---------------------|----------|---------------|---------------|-------|--------------|-------|-------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
|  | SCG-0502 (cULus) | 1/2" NPT | 6.0 | 12.0 | 13.0 | 29.0 | 30.5 | 27.0 22.0 |
| | | | 0.236 | 0.472 | 0.512 | 1.142 | 1.201 | 1.063 0.866 |
| | SCG-0503 | 1/2" NPT | 10.0 | 14.0 | 13.0 | 27.5 | 26.5 | 24.0 24.0 |
| | | | 0.394 | 0.551 | 0.512 | 1.083 | 1.043 | 0.945 0.945 |
| | SCG-0751 | 3/4" NPT | 9.0 | 16.0 | 13.0 | 34.0 | 33.0 | 30.0 30.0 |
| | | | 0.354 | 0.630 | 0.512 | 1.339 | 1.299 | 1.181 1.181 |
| | SCG-0752 | 3/4" NPT | 13.0 | 18.0 | 13.0 | 34.0 | 33.0 | 30.0 30.0 |
| | | | 0.512 | 0.709 | 0.512 | 1.339 | 1.299 | 1.181 1.181 |
| | SCG-1001 | 1" NPT | 12.0 | 20.0 | 13.0 | 45.5 | 45.5 | 41.0 41.0 |
| | | | 0.472 | 0.787 | 0.512 | 1.791 | 1.791 | 1.614 1.614 |
| | SCG-1002 | 1" NPT | 18.0 | 25.0 | 13.0 | 45.5 | 45.5 | 41.0 41.0 |
| | | | 0.709 | 0.984 | 0.512 | 1.791 | 1.791 | 1.614 1.614 |

一
尺寸



316L 不锈钢电缆格兰 (常规用途)

SCG 系列

尺寸

| PG螺纹 | 部件编号 | PG螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------|-------------|--------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| | SCG-PG132-L | PG13.5 | 6.0 0.236 | 12.0 0.472 | 10.0 0.394 | 24.0 0.945 | 24.5 0.965 | 22.0 0.866 |
| | SCG-PG161 | PG16 | 7.0 0.276 | 12.0 0.472 | 6.5 0.256 | 27.5 1.083 | 26.5 1.043 | 24.0 0.945 |
| | SCG-PG161-L | PG16 | 7.0 0.276 | 12.0 0.472 | 10.0 0.394 | 27.5 1.083 | 26.5 1.043 | 24.0 0.945 |
| | SCG-PG162 | PG16 | 10.0 0.394 | 14.0 0.551 | 6.5 0.256 | 24.0 0.945 | 26.5 1.043 | 24.0 0.945 |
| | SCG-PG162-L | PG16 | 10.0 0.394 | 14.0 0.551 | 10.0 0.394 | 24.0 0.945 | 26.5 1.043 | 24.0 0.945 |
| | SCG-PG211 | PG21 | 9.0 0.354 | 16.0 0.630 | 7.2 0.283 | 31.5 1.240 | 33.0 1.299 | 30.0 1.181 |
| | SCG-PG211-L | PG21 | 9.0 0.354 | 16.0 0.630 | 10.0 0.394 | 31.5 1.240 | 33.0 1.299 | 30.0 1.181 |
| | SCG-PG212 | PG21 | 13.0 0.512 | 18.0 0.709 | 7.2 0.283 | 31.5 1.240 | 33.0 1.299 | 30.0 1.181 |
| | SCG-PG212-L | PG21 | 13.0 0.512 | 18.0 0.709 | 12.0 0.472 | 31.5 1.240 | 33.0 1.299 | 30.0 1.181 |
| | SCG-PG291 | PG29 | 12.0 0.472 | 20.0 0.787 | 8.0 0.315 | 40.5 1.594 | 44.5 1.752 | 40.0 1.575 |
| | SCG-PG291-L | PG29 | 12.0 0.472 | 20.0 0.787 | 12.0 0.472 | 40.5 1.594 | 44.5 1.752 | 40.0 1.575 |
| | SCG-PG292 | PG29 | 18.0 0.709 | 25.0 0.984 | 8.0 0.315 | 40.5 1.594 | 44.5 1.752 | 40.0 1.575 |
| | SCG-PG292-L | PG29 | 18.0 0.709 | 25.0 0.984 | 12.0 0.472 | 40.5 1.594 | 44.5 1.752 | 40.0 1.575 |
| | SCG-PG361 | PG36 | 20.0 0.787 | 26.0 1.024 | 9.0 0.354 | 47.5 1.870 | 55.5 2.185 | 50.0 1.969 |
| | SCG-PG361-L | PG36 | 20.0 0.787 | 26.0 1.024 | 14.0 0.551 | 47.5 1.870 | 55.5 2.185 | 50.0 1.969 |
| | SCG-PG362 | PG36 | 22.0 0.866 | 32.0 1.260 | 9.0 0.354 | 47.5 1.870 | 55.5 2.185 | 50.0 1.969 |
| | SCG-PG362-L | PG36 | 22.0 0.866 | 32.0 1.260 | 14.0 0.551 | 47.5 1.870 | 55.5 2.185 | 50.0 1.969 |
| | SCG-PG421 | PG42 | 25.0 0.984 | 31.0 1.220 | 12.0 0.472 | 48.0 1.890 | 66.5 2.618 | 60.0 2.362 |
| | SCG-PG421-L | PG42 | 25.0 0.984 | 31.0 1.220 | 16.0 0.630 | 48.0 1.890 | 66.5 2.618 | 60.0 2.362 |
| | SCG-PG422 | PG42 | 30.0 1.181 | 38.0 1.496 | 12.0 0.472 | 48.0 1.890 | 66.5 2.618 | 60.0 2.362 |
| | SCG-PG422-L | PG42 | 30.0 1.181 | 38.0 1.496 | 16.0 0.630 | 48.0 1.890 | 66.5 2.618 | 60.0 2.362 |
| | SCG-PG481 | PG48 | 29.0 1.142 | 35.0 1.378 | 14.0 0.551 | 49.5 1.949 | 72.0 2.835 | 65.0 2.559 |
| | SCG-PG481-L | PG48 | 29.0 1.142 | 35.0 1.378 | 18.0 0.709 | 49.5 1.949 | 72.0 2.835 | 65.0 2.559 |
| | SCG-PG482 | PG48 | 34.0 1.339 | 44.0 1.732 | 14.0 0.551 | 49.5 1.949 | 72.0 2.835 | 65.0 2.559 |
| | SCG-PG482-L | PG48 | 34.0 1.339 | 44.0 1.732 | 18.0 0.709 | 49.5 1.949 | 72.0 2.835 | 65.0 2.559 |

黄铜 EMC 电缆格兰 (屏蔽电缆)

BEM 系列



特性和优点:

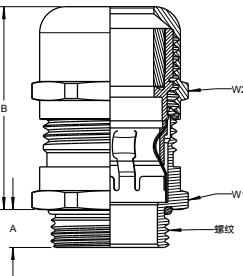
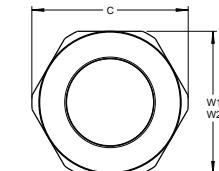
- 紧凑型电缆格兰
- 电缆锁紧范围广
- 抗腐蚀性强
- 与屏蔽的径向接触面增大, 提高 EMI 保护性能

BEM 系列 - EMC 黄铜电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------------------|--------------------------------------|--|
| | EN 62444 LVD (低压指令) 2014/35/EU | 工作范围: -40°C 到 +100°C (-40°F 到 +212°F) 短期: -30°C 到 +150°C (-22°F 到 +302°F) |
| IP 等级 | 材料 | |
| IP66 | 镀镍黄铜结构 | |
| IP68 (5 巴下 30 分钟) | 氯丁橡胶密封 | |
| NEMA 4 | 镀锡铜 EMC 触点 | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆规格 | | 屏蔽尺寸 | | 标称尺寸 (mm/in) | | | | |
|------|---------------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | BEM-M121 (cURus) | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 2.0 0.079 | 5.0 0.197 | 6.0 0.236 | 28.0 1.102 | 15.5 0.610 | 14.0 0.551 | 14.0 0.551 |
| | BEM-M161 (cURus) | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 3.5 0.138 | 8.0 0.315 | 6.0 0.236 | 33.0 1.299 | 22.0 0.866 | 20.0 0.787 | 20.0 0.787 |
| | BEM-M201 (cULus) | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 4.5 0.177 | 10.0 0.394 | 6.0 0.236 | 31.5 1.240 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | BEM-M202 (cULus) | M20x1.5 | 7.5 0.295 | 14.0 0.551 | 5.5 0.217 | 11.5 0.453 | 8.0 0.315 | 39.5 1.555 | 26.8 1.055 | 24.0 0.945 | 24.0 0.945 |
| | BEM-M251 (cULus) | M25x1.5 | 10.0 0.394 | 18.0 0.709 | 7.0 0.276 | 14.0 0.551 | 8.0 0.315 | 43.0 1.693 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | BEM-M321 (cULus) | M32x1.5 | 16.0 0.630 | 25.0 0.984 | 12.0 0.472 | 20.0 0.787 | 9.0 0.354 | 53.0 2.087 | 43.5 1.713 | 40.0 1.575 | 40.0 1.575 |
| | BEM-M401 (cULus) | M40x1.5 | 22.0 0.866 | 32.0 1.260 | 18.0 0.709 | 27.0 1.063 | 9.0 0.354 | 60.5 2.382 | 55.5 2.185 | 50.0 1.969 | 50.0 1.969 |
| | BEM-M501 (cULus) | M50x1.5 | 30.0 1.181 | 38.0 1.496 | 26.0 1.024 | 34.0 1.339 | 9.0 0.354 | 72.0 2.834 | 64.0 2.520 | 58.0 2.283 | 58.0 2.283 |
| | BEM-M631 (cULus) | M63x1.5 | 34.0 1.339 | 44.0 1.732 | 30.0 1.181 | 40.0 1.575 | 14.0 0.551 | 58.0 2.283 | 75.0 2.953 | 68.0 2.677 | 64.0 2.520 |
| | BEM-M632 (cULus) | M63x1.5 | 37.0 1.457 | 53.0 2.087 | 33.0 1.299 | 49.0 1.929 | 10.0 0.394 | 73.0 2.874 | 83.0 3.268 | 75.0 2.953 | 75.0 2.953 |



黄铜 EMC 电缆格兰 (屏蔽电缆)

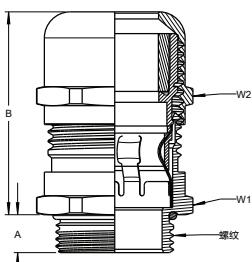
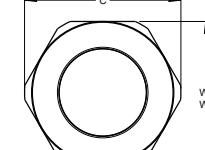
BEM 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | 屏蔽尺寸 | | 标称尺寸 (mm/in) | | | | |
|-------|----------|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | | |
| | BEM-0251 | 1/4" | 3.0 0.118 | 6.5 0.256 | 2.0 0.079 | 5.0 0.197 | 11.5 0.453 | 28.0 1.102 | 16.5 0.650 | 15.0 0.591 | 14.0 0.551 |
| | BEM-0381 | 3/8" | 5.0 0.197 | 10.0 0.394 | 3.5 0.138 | 8.0 0.315 | 11.5 0.453 | 33.0 1.299 | 22.0 0.866 | 20.0 0.787 | 20.0 0.787 |
| | BEM-0501 | 1/2" | 6.0 0.236 | 12.0 0.472 | 4.5 0.177 | 10.0 0.394 | 15.0 0.591 | 37.5 1.476 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | BEM-0502 | 1/2" | 7.5 0.295 | 14.0 0.551 | 5.5 0.217 | 11.5 0.453 | 15.0 0.591 | 39.5 1.555 | 26.8 1.055 | 24.0 0.945 | 24.0 0.945 |
| | BEM-0751 | 3/4" | 10.0 0.394 | 18.0 0.709 | 7.0 0.276 | 14.0 0.551 | 15.0 0.591 | 41.5 1.634 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 |
| | BEM-1001 | 1" | 16.0 0.630 | 25.0 0.984 | 12.0 0.472 | 20.0 0.787 | 20.0 0.787 | 52.0 2.047 | 43.5 1.713 | 40.0 1.575 | 40.0 1.575 |
| | BEM-1251 | 1 1/4" | 22.0 0.866 | 32.0 1.260 | 18.0 0.709 | 27.0 1.063 | 20.0 0.787 | 61.0 2.402 | 55.5 2.185 | 50.0 1.969 | 50.0 1.969 |
| | BEM-1501 | 1 1/2" | 30.0 1.181 | 38.0 1.496 | 26.0 1.024 | 34.0 1.339 | 22.0 0.866 | 71.0 2.795 | 64.0 2.520 | 58.0 2.283 | 58.0 2.283 |
| | BEM-2001 | 2" | 34.0 1.339 | 44.0 1.732 | 30.0 1.181 | 40.0 1.575 | 22.0 0.866 | 71.0 2.815 | 75.0 2.953 | 68.0 2.677 | 64.0 2.520 |

尺寸

| PG螺纹 | 部件编号 | PG螺纹 | 电缆规格 | | 屏蔽尺寸 | | 标称尺寸 (mm/in) | | | | |
|------|-----------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | | |
| | BEM-PG71 | PG7 | 3.0 0.118 | 6.5 0.256 | 2.0 0.079 | 5.0 0.197 | 6.0 0.236 | 28.0 1.102 | 16.5 0.650 | 15.0 0.591 | 14.0 0.551 |
| | BEM-PG111 | PG11 | 5.0 0.197 | 10.0 0.394 | 3.5 0.138 | 8.0 0.315 | 6.0 0.236 | 33.0 1.299 | 23.0 0.906 | 21.0 0.827 | 20.0 0.787 |
| | BEM-PG131 | PG13 | 6.0 0.236 | 12.0 0.472 | 4.5 0.177 | 10.0 0.394 | 6.5 0.256 | 31.5 1.240 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| | BEM-PG161 | PG16 | 7.5 0.295 | 14.0 0.551 | 5.5 0.217 | 11.5 0.453 | 6.5 0.256 | 39.5 1.555 | 27.5 1.083 | 25.0 0.984 | 24.0 0.945 |
| | BEM-PG211 | PG21 | 10.0 0.394 | 18.0 0.709 | 7.0 0.276 | 14.0 0.551 | 7.0 0.276 | 42.5 1.673 | 35.5 1.398 | 32.0 1.260 | 30.0 1.181 |
| | BEM-PG291 | PG29 | 16.0 0.630 | 25.0 0.984 | 12.0 0.472 | 20.0 0.787 | 9.0 0.354 | 53.0 2.087 | 43.5 1.713 | 40.0 1.575 | 40.0 1.575 |
| | BEM-PG361 | PG36 | 22.0 0.866 | 32.0 1.260 | 18.0 0.709 | 27.0 1.063 | 9.0 0.354 | 60.0 2.362 | 55.5 2.185 | 50.0 1.969 | 50.0 1.969 |
| | BEM-PG421 | PG42 | 30.0 1.181 | 38.0 1.496 | 26.0 1.024 | 34.0 1.339 | 12.0 0.472 | 72.5 2.854 | 66.5 2.618 | 60.0 2.362 | 58.0 2.283 |
| | BEM-PG481 | PG48 | 34.0 1.339 | 44.0 1.732 | 30.0 1.181 | 40.0 1.575 | 14.0 0.551 | 58.5 2.303 | 75.0 2.953 | 68.0 2.677 | 64.0 2.520 |



电缆格兰, 供常规用途使用

MSG 系列



特性和优点:

- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封, 保护电缆

MSG 系列 - 电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | 温度范围 |
|-----------------------------------|---|------------------------------------|
| | UL514B CSA C22.2-18.3 ANSI C33.84 | 正常使用: -20°C 到 105°C (-4°F 到 221°F) |
| IP 等级 | 材料 | |
| NEMA 类型 4x 或 6 (配备 5262 系列密封圈) | 钢/锌结构 氯丁橡胶密封圈 | |
| 潮湿或干燥区域 | 尼龙定位环 | |
| 防火 | | |
| NFPA 70 (ANSI) | | |

尺寸

| NPT | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | | |
|-----|-----------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2516 † | 1/4" | 1.52 0.060 | 3.18 0.125 | 11.68 0.460 | 24.83 0.978 | 20.98 0.826 | 19.05 0.750 | 19.05 0.750 |
| | 2517 † | 1/4" | 3.05 0.120 | 6.35 0.250 | 11.68 0.460 | 24.83 0.978 | 20.98 0.826 | 19.05 0.750 | 19.05 0.750 |
| | 2518 † | 3/8" | 1.52 0.060 | 3.81 0.150 | 11.68 0.460 | 24.83 0.978 | 24.71 0.973 | 22.23 0.875 | 22.23 0.875 |
| | 2519 † ** | 3/8" | 3.81 0.150 | 0.76 0.030 | 11.68 0.460 | 24.83 0.978 | 24.71 0.973 | 22.23 0.875 | 22.23 0.875 |
| | 2520 | 1/2" | 3.18 0.125 | 6.35 0.250 | 15.62 0.615 | 28.83 1.135 | 29.34 1.155 | 25.40 1.000 | 25.91 1.020 |
| | 2521 | 1/2" | 6.35 0.250 | 9.53 0.375 | 15.62 0.615 | 28.83 1.135 | 29.34 1.155 | 25.40 1.000 | 25.91 1.020 |
| | 2522 | 1/2" | 9.53 0.375 | 12.70 0.500 | 15.62 0.615 | 28.83 1.135 | 29.34 1.155 | 25.40 1.000 | 25.91 1.020 |
| | 2523 | 1/2" | 11.43 0.450 | 14.22 0.560 | 15.62 0.615 | 28.83 1.135 | 29.34 1.155 | 25.40 1.000 | 26.21 1.032 |
| | 2524 * | 1/2" | 12.70 0.500 | 15.88 0.625 | 15.62 0.615 | 28.89 1.138 | 34.93 1.375 | 30.15 1.187 | 31.12 1.225 |
| | 2525 * | 1/2" | 15.88 0.625 | 19.05 0.750 | 15.62 0.615 | 28.89 1.138 | 34.93 1.375 | 30.15 1.187 | 31.12 1.225 |

* 适当剥去电缆外皮, 让电缆导线穿过接头

† 未经 UL 认证

** 未经 CSA 认证

电缆格兰, 供常规用途使用

MSG 系列

尺寸



| NPT | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|-----|-------|--------|---------------|---------------|-------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2530 | 3/4" | 3.18 | 6.35 | 15.93 | 34.29 | 35.94 | 30.99 | 31.12 |
| | | | 0.125 | 0.250 | 0.627 | 1.350 | 1.415 | 1.220 | 1.225 |
| | 2531 | 3/4" | 6.35 | 9.53 | 15.93 | 34.29 | 35.94 | 30.99 | 31.12 |
| | | | 0.250 | 0.375 | 0.627 | 1.350 | 1.415 | 1.220 | 1.225 |
| | 2532 | 3/4" | 9.53 | 12.70 | 15.93 | 34.29 | 35.94 | 30.99 | 31.12 |
| | | | 0.375 | 0.500 | 0.627 | 1.350 | 1.415 | 1.220 | 1.225 |
| | 2534 | 3/4" | 12.70 | 15.88 | 15.93 | 34.29 | 35.94 | 30.99 | 31.12 |
| | | | 0.500 | 0.625 | 0.627 | 1.350 | 1.415 | 1.220 | 1.225 |
| | 2535 | 3/4" | 15.88 | 19.05 | 15.93 | 34.29 | 34.93 | 30.99 | 31.12 |
| | | | 0.625 | 0.750 | 0.627 | 1.350 | 1.375 | 1.220 | 1.225 |
| | 2536* | 3/4" | 19.05 | 22.35 | 15.94 | 33.27 | 43.99 | 38.10 | 37.97 |
| | | | 0.750 | 0.880 | 0.628 | 1.310 | 1.732 | 1.500 | 1.495 |
| | 2541 | 1" | 6.35 | 9.53 | 20.02 | 30.30 | 43.71 | 37.85 | 31.12 |
| | | | 0.250 | 0.375 | 0.788 | 1.193 | 1.721 | 1.490 | 1.225 |
| | 2542 | 1" | 9.53 | 12.70 | 20.02 | 30.30 | 43.71 | 37.85 | 31.12 |
| | | | 0.375 | 0.500 | 0.788 | 1.193 | 1.721 | 1.490 | 1.225 |
| | 2544 | 1" | 12.70 | 15.88 | 20.02 | 30.30 | 43.71 | 37.85 | 31.12 |
| | | | 0.500 | 0.625 | 0.788 | 1.193 | 1.721 | 1.490 | 1.225 |
| | 2545 | 1" | 15.88 | 19.05 | 20.02 | 30.30 | 18.31 | 37.85 | 31.12 |
| | | | 0.625 | 0.750 | 0.788 | 1.193 | 0.721 | 1.490 | 1.225 |
| | 2546 | 1" | 19.05 | 22.35 | 20.03 | 35.69 | 43.99 | 38.10 | 37.97 |
| | | | 0.750 | 0.880 | 0.789 | 1.405 | 1.732 | 1.500 | 1.495 |
| | 2547 | 1" | 22.23 | 25.02 | 20.03 | 35.69 | 43.99 | 38.10 | 37.97 |
| | | | 0.875 | 0.985 | 0.789 | 1.405 | 1.732 | 1.500 | 1.495 |
| | 2548* | 1" | 22.35 | 27.05 | 19.84 | 40.49 | 56.82 | 49.21 | 48.26 |
| | | | 0.880 | 1.065 | 0.781 | 1.594 | 2.237 | 1.938 | 1.900 |
| | 2549* | 1" | 27.05 | 30.61 | 19.84 | 40.49 | 56.82 | 49.21 | 48.26 |
| | | | 1.065 | 1.205 | 0.781 | 1.594 | 2.237 | 1.938 | 1.900 |
| | 2558 | 1 1/4" | 22.35 | 27.05 | 20.41 | 34.37 | 56.82 | 49.21 | 48.26 |
| | | | 0.880 | 1.065 | 0.804 | 1.353 | 2.237 | 1.938 | 1.900 |
| | 2559 | 1 1/4" | 27.05 | 30.61 | 20.41 | 34.37 | 56.82 | 49.21 | 48.26 |
| | | | 1.065 | 1.205 | 0.804 | 1.353 | 2.237 | 1.938 | 1.900 |
| | 2556* | 1 1/4" | 30.15 | 34.93 | 20.62 | 42.86 | 61.44 | 53.21 | 54.58 |
| | | | 1.187 | 1.375 | 0.812 | 1.688 | 2.419 | 2.095 | 2.149 |
| | 2557* | 1 1/4" | 34.93 | 37.72 | 20.62 | 42.86 | 61.44 | 53.21 | 54.58 |
| | | | 1.375 | 1.485 | 0.812 | 1.688 | 2.419 | 2.095 | 2.149 |
| | 2562 | 1 1/2" | 20.62 | 25.40 | 20.82 | 42.68 | 65.99 | 57.15 | 54.58 |
| | | | 0.812 | 1.000 | 0.820 | 1.681 | 2.598 | 2.250 | 2.149 |
| | 2563 | 1 1/2" | 25.40 | 30.15 | 20.82 | 52.76 | 65.99 | 57.15 | 54.58 |
| | | | 1.000 | 1.187 | 0.820 | 2.077 | 2.598 | 2.250 | 2.149 |
| | 2564 | 1 1/2" | 30.15 | 34.93 | 20.82 | 52.76 | 65.99 | 57.15 | 54.58 |
| | | | 1.187 | 1.375 | 0.820 | 2.077 | 2.598 | 2.250 | 2.149 |
| | 2565* | 1 1/2" | 34.93 | 41.28 | 20.64 | 46.04 | 76.05 | 65.86 | 66.19 |
| | | | 1.375 | 1.625 | 0.813 | 1.813 | 2.994 | 2.593 | 2.606 |
| | 2573 | 2" | 28.58 | 34.93 | 21.60 | 52.25 | 78.84 | 68.28 | 66.19 |
| | | | 1.125 | 1.375 | 0.851 | 2.057 | 3.104 | 2.688 | 2.606 |
| | 2574 | 2" | 34.93 | 41.28 | 21.60 | 52.25 | 78.84 | 68.28 | 66.19 |
| | | | 1.375 | 1.625 | 0.851 | 2.057 | 3.104 | 2.688 | 2.606 |

* 适当剥去电缆外皮, 让电缆导线穿过接头

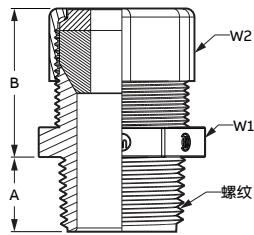
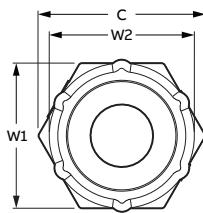
电缆格兰, 供常规用途使用

MSG 系列

尺寸

| NPT | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | | |
|-----|-------|--------|---------------|---------------|-------|--------------|--------|--------|--------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2575 | 2" | 41.28 | 47.63 | 21.60 | 52.25 | 78.84 | 68.28 | 66.19 |
| | | | 1.625 | 1.875 | 0.851 | 2.057 | 3.104 | 2.688 | 2.606 |
| | 2576* | 2" | 44.45 | 49.91 | 21.43 | 67.47 | 84.33 | 73.03 | 78.97 |
| | | | 1.750 | 1.965 | 0.844 | 2.656 | 3.320 | 2.875 | 3.109 |
| | 2577* | 2" | 49.20 | 55.55 | 21.43 | 67.47 | 85.32 | 73.03 | 85.32 |
| | | | 1.937 | 2.187 | 0.844 | 2.656 | 3.359 | 2.875 | 3.359 |
| | 2584 | 2 1/2" | 44.45 | 49.91 | 26.19 | 69.04 | 92.13 | 79.78 | 85.32 |
| | | | 1.750 | 1.965 | 1.031 | 2.718 | 3.627 | 3.141 | 3.359 |
| | 2585 | 2 1/2" | 49.20 | 55.55 | 26.19 | 69.04 | 92.13 | 79.78 | 85.32 |
| | | | 1.937 | 2.187 | 1.031 | 2.718 | 3.627 | 3.141 | 3.359 |
| | 2586* | 2 1/2" | 54.76 | 59.94 | 26.19 | 81.74 | 104.78 | 90.47 | 104.78 |
| | | | 2.156 | 2.360 | 1.031 | 3.218 | 4.125 | 3.562 | 4.125 |
| | 2587* | 2 1/2" | 59.69 | 65.15 | 26.19 | 81.74 | 104.78 | 90.47 | 104.78 |
| | | | 2.350 | 2.565 | 1.031 | 3.218 | 4.125 | 3.562 | 4.125 |
| | 2592 | 3" | 54.76 | 59.94 | 26.19 | 81.74 | 109.98 | 95.25 | 104.78 |
| | | | 2.156 | 2.360 | 1.031 | 3.218 | 4.330 | 3.750 | 4.125 |
| | 2593 | 3" | 59.69 | 65.15 | 26.19 | 81.74 | 109.98 | 95.25 | 104.78 |
| | | | 2.350 | 2.565 | 1.031 | 3.218 | 4.330 | 3.750 | 4.125 |
| | 2594 | 3" | 64.39 | 69.85 | 26.19 | 81.74 | 109.98 | 95.25 | 104.78 |
| | | | 2.535 | 2.750 | 1.031 | 3.218 | 4.330 | 3.750 | 4.125 |
| | 2595* | 3" | 69.47 | 75.82 | 27.79 | 94.46 | 125.10 | 108.33 | 119.06 |
| | | | 2.735 | 2.985 | 1.094 | 3.719 | 4.925 | 4.265 | 4.688 |
| | 2596* | 3" | 75.44 | 81.79 | 27.79 | 94.46 | 125.10 | 108.33 | 119.06 |
| | | | 2.970 | 3.220 | 1.094 | 3.719 | 4.925 | 4.265 | 4.688 |

* 适当剥去电缆外皮, 让电缆导线穿过接头



电缆格兰, 供常规用途使用

MSG-90 系列



特性和优点:

- 电缆锁紧范围广
- 全长度衬套密封, 保护电缆
- 弯头结构适用于在紧凑位置进行安装

MSG-90 系列 - 90° 弯头电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | 温度范围 | |
|-------|----------------|------------------------------------|---------|
| | | IP 等级 | 材料 |
| | UL514B | 正常使用: -20°C 到 105°C (-4°F 到 221°F) | |
| | CSA C22.2-18.3 | | |
| | ANSI C33.84 | | 钢/锌结构 |
| | NFPA 70 (ANSI) | NEMA 类型 4x 或 6 (配备 5262 系列密封圈) | 氯丁橡胶密封圈 |
| | | 潮湿或干燥区域 | 尼龙定位环 |
| 防火 | | | |
| | | NFPA 70 (ANSI) 见表格 TDS000056 | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | | |
|-------|--------|-------|---------------|---------------|-------|--------------|-------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | | |
| | 2268 | 1/2" | 6.35 | 9.53 | 17.07 | 43.66 | 33.22 | 26.19 | 26.19 |
| | | | 0.250 | 0.375 | 0.672 | 1.719 | 1.308 | 1.031 | 1.031 |
| | 2269 | 1/2" | 9.53 | 12.70 | 17.07 | 43.66 | 33.22 | 26.19 | 26.19 |
| | | | 0.375 | 0.500 | 0.672 | 1.719 | 1.308 | 1.031 | 1.031 |
| | 2270 | 1/2" | 11.43 | 14.22 | 17.07 | 43.66 | 33.22 | 26.19 | 26.19 |
| | | | 0.450 | 0.560 | 0.672 | 1.719 | 1.308 | 1.031 | 1.031 |
| | 2250* | 1/2" | 12.70 | 15.88 | 19.84 | 42.88 | 39.70 | 28.83 | 31.12 |
| | | | 0.500 | 0.625 | 0.781 | 1.688 | 1.563 | 1.135 | 1.225 |
| | 2251 * | 1/2" | 15.88 | 19.05 | 19.84 | 42.88 | 39.70 | 28.83 | 31.12 |
| | | | 0.625 | 0.750 | 0.781 | 1.688 | 1.563 | 1.135 | 1.225 |
| | 2252 | 1/2" | 3.18 | 6.35 | 17.27 | 44.45 | 38.38 | 33.50 | 31.12 |
| | | | 0.125 | 0.250 | 0.680 | 1.750 | 1.511 | 1.319 | 1.225 |
| | 2271 | 3/4" | 6.35 | 9.53 | 17.27 | 41.28 | 38.38 | 33.50 | 31.12 |
| | | | 0.250 | 0.375 | 0.680 | 1.625 | 1.511 | 1.319 | 1.225 |
| | 2272 | 3/4" | 9.53 | 12.70 | 17.27 | 41.28 | 38.38 | 33.50 | 31.12 |
| | | | 0.375 | 0.500 | 0.680 | 1.625 | 1.511 | 1.319 | 1.225 |
| | 2273 | 3/4" | 12.70 | 15.88 | 17.27 | 41.28 | 38.38 | 33.50 | 31.12 |
| | | | 0.500 | 0.625 | 0.680 | 1.625 | 1.511 | 1.319 | 1.225 |

* 适当剥去电缆外皮, 让电缆导线穿过接头

电缆格兰, 供常规用途使用

MSG-90 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | | 标称尺寸 (mm/in) | | |
|-------|--------|--------|---------------|---------------|-------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2274 * | 3/4" | 15.75 | 19.05 | 17.27 | 41.28 | 38.38 | 33.50 | 31.12 |
| | | | 0.620 | 0.750 | 0.680 | 1.625 | 1.511 | 1.319 | 1.225 |
| | 2253 * | 3/4" | 19.05 | 22.35 | 15.09 | 50.01 | 37.97 | 34.93 | 37.97 |
| | | | 0.750 | 0.880 | 0.594 | 1.969 | 1.495 | 1.375 | 1.495 |
| | 2254 | 1" | 9.53 | 12.70 | 19.84 | 50.80 | 39.70 | 34.34 | 31.12 |
| | | | 0.375 | 0.500 | 0.781 | 2.000 | 1.563 | 1.352 | 1.225 |
| | 2255 | 1" | 12.70 | 15.88 | 19.84 | 50.80 | 39.70 | 34.34 | 31.12 |
| | | | 0.500 | 0.625 | 0.781 | 2.000 | 1.563 | 1.352 | 1.225 |
| | 2256 * | 1" | 15.88 | 19.05 | 19.84 | 50.80 | 39.70 | 34.34 | 31.12 |
| | | | 0.625 | 0.750 | 0.781 | 2.000 | 1.563 | 1.352 | 1.225 |
| | 2275 | 1" | 19.05 | 22.23 | 20.65 | 50.80 | 39.70 | 39.70 | 37.97 |
| | | | 0.750 | 0.875 | 0.813 | 2.000 | 1.563 | 1.563 | 1.495 |
| | 2276 | 1" | 22.23 | 25.02 | 20.65 | 50.80 | 39.70 | 39.70 | 37.97 |
| | | | 0.875 | 0.985 | 0.813 | 2.000 | 1.563 | 1.563 | 1.495 |
| | 2257 * | 1" | 22.35 | 27.05 | 19.84 | 67.46 | 48.46 | 34.37 | 48.46 |
| | | | 0.880 | 1.065 | 0.781 | 2.656 | 1.908 | 1.353 | 1.908 |
| | 2258 * | 1" | 27.05 | 30.61 | 19.84 | 67.46 | 48.46 | 34.37 | 48.46 |
| | | | 1.065 | 1.205 | 0.781 | 2.656 | 1.908 | 1.353 | 1.908 |
| | 2277 | 1 1/4" | 22.35 | 27.05 | 19.84 | 53.04 | 48.46 | 34.37 | 48.46 |
| | | | 0.880 | 1.065 | 0.781 | 2.088 | 1.908 | 1.353 | 1.908 |
| | 2278 | 1 1/4" | 27.05 | 30.61 | 19.84 | 53.04 | 48.46 | 34.37 | 48.46 |
| | | | 1.065 | 1.205 | 0.781 | 2.088 | 1.908 | 1.353 | 1.908 |
| | 2279 * | 1 1/4" | 30.15 | 34.93 | 20.65 | 71.45 | 50.80 | 50.80 | 48.46 |
| | | | 1.187 | 1.375 | 0.813 | 2.813 | 2.000 | 2.000 | 1.908 |
| | 2280 * | 1 1/4" | 34.93 | 37.72 | 20.65 | 71.45 | 54.58 | 50.80 | 54.58 |
| | | | 1.375 | 1.485 | 0.813 | 2.813 | 2.149 | 2.000 | 2.149 |
| | 2282 | 1 1/2" | 25.40 | 30.15 | 20.65 | 73.03 | 54.58 | 53.98 | 54.58 |
| | | | 1.000 | 1.187 | 0.813 | 2.875 | 2.149 | 2.125 | 2.149 |
| | 2283 * | 1 1/2" | 30.15 | 34.93 | 20.65 | 73.03 | 54.58 | 53.98 | 54.58 |
| | | | 1.187 | 1.375 | 0.813 | 2.875 | 2.149 | 2.125 | 2.149 |
| | 2284 | 2" | 28.58 | 34.93 | 21.44 | 82.55 | 69.85 | 60.50 | 66.01 |
| | | | 1.125 | 1.375 | 0.844 | 3.250 | 2.750 | 2.382 | 2.599 |
| | 2285 | 2" | 34.93 | 41.28 | 21.44 | 82.55 | 69.85 | 60.50 | 66.01 |
| | | | 1.375 | 1.625 | 0.844 | 3.250 | 2.750 | 2.382 | 2.599 |
| | 2286 | 2" | 41.28 | 47.63 | 21.44 | 82.55 | 69.85 | 60.50 | 66.01 |
| | | | 1.625 | 1.875 | 0.844 | 3.250 | 2.750 | 2.382 | 2.599 |

* 适当剥去电缆外皮, 让电缆导线穿过接头



电缆格兰, 供常规用途使用

MSG-45 系列



特性和优点:

- 电缆锁紧范围广
- 全长度衬套密封, 保护电缆
- 弯头结构适用于在紧凑位置进行安装

MSG-45 系列 - 45° 弯头电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | 温度范围 | |
|-------|----------------|------------------------------------|---------|
| | | IP 等级 | 材料 |
| | UL514B | 正常使用: -20°C 到 105°C (-4°F 到 221°F) | |
| | CSA C22.2-18.3 | | |
| | ANSI C33.84 | | 钢/锌结构 |
| | NFPA 70 (ANSI) | NEMA 类型 4x 或 6 (配备 5262 系列密封圈) | 氯丁橡胶密封圈 |
| | | 潮湿或干燥区域 | 尼龙定位环 |
| | | 防火 | |
| | | NFPA 70 (ANSI) | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | |
|-------|---------|-------|---------------|---------------|-------|--------------|-------|-------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | |
| | 2200 | 1/2" | 3.18 | 6.35 | 17.48 | 32.54 | 30.18 | 27.00 30.99 |
| | | | 0.125 | 0.250 | 0.688 | 1.281 | 1.188 | 1.063 1.220 |
| | 2201 | 1/2" | 6.35 | 9.53 | 17.48 | 32.54 | 30.18 | 27.00 30.99 |
| | | | 0.250 | 0.375 | 0.688 | 1.281 | 1.188 | 1.063 1.220 |
| | 2202 | 1/2" | 9.53 | 12.70 | 17.48 | 32.54 | 30.18 | 27.00 30.99 |
| | | | 0.375 | 0.500 | 0.688 | 1.281 | 1.188 | 1.063 1.220 |
| | 2203 | 1/2" | 11.43 | 14.22 | 17.48 | 32.54 | 30.18 | 27.00 30.99 |
| | | | 0.450 | 0.560 | 0.688 | 1.281 | 1.188 | 1.063 1.220 |
| | 2204 * | 1/2" | 12.70 | 15.88 | 16.43 | 46.05 | 32.99 | 28.58 31.12 |
| | | | 0.500 | 0.625 | 0.647 | 1.813 | 1.299 | 1.125 1.225 |
| | 2205 * | 1/2" | 15.88 | 19.05 | 16.43 | 46.05 | 32.99 | 28.58 31.12 |
| | | | 0.625 | 0.750 | 0.647 | 1.813 | 1.299 | 1.125 1.225 |
| | 2206-TB | 3/4" | 3.18 | 6.35 | 16.69 | 46.05 | 35.76 | 30.96 31.12 |
| | | | 0.125 | 0.250 | 0.657 | 1.813 | 1.408 | 1.219 1.225 |
| | 2207-TB | 3/4" | 6.35 | 9.53 | 16.69 | 46.05 | 35.76 | 30.96 31.12 |
| | | | 0.250 | 0.375 | 0.657 | 1.813 | 1.408 | 1.219 1.225 |
| | 2208-TB | 3/4" | 9.53 | 12.70 | 16.69 | 46.05 | 35.76 | 30.96 31.12 |
| | | | 0.375 | 0.500 | 0.657 | 1.813 | 1.408 | 1.219 1.225 |

* 适当剥去电缆外皮, 让电缆导线穿过接头

电缆格兰, 供常规用途使用

MSG-45 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | | 标称尺寸 (mm/in) | | |
|-------|--------|--------|---------------|---------------|-------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2209 | 3/4" | 12.70 | 15.88 | 16.69 | 46.05 | 35.76 | 30.96 | 31.12 |
| | | | 0.500 | 0.625 | 0.657 | 1.813 | 1.408 | 1.219 | 1.225 |
| | 2210 | 3/4" | 15.88 | 19.05 | 16.69 | 46.05 | 35.76 | 30.96 | 31.12 |
| | | | 0.625 | 0.750 | 0.657 | 1.813 | 1.408 | 1.219 | 1.225 |
| | 2211 * | 3/4" | 19.05 | 22.35 | 19.84 | 38.10 | 40.34 | 34.93 | 37.97 |
| | | | 0.750 | 0.880 | 0.781 | 1.500 | 1.588 | 1.375 | 1.495 |
| | 2213 | 1" | 9.53 | 12.70 | 19.84 | 38.10 | 43.99 | 38.10 | 31.12 |
| | | | 0.375 | 0.500 | 0.781 | 1.500 | 1.732 | 1.500 | 1.225 |
| | 2214 | 1" | 12.70 | 15.88 | 19.84 | 38.10 | 43.99 | 38.10 | 31.12 |
| | | | 0.500 | 0.625 | 0.781 | 1.500 | 1.732 | 1.500 | 1.225 |
| | 2215 | 1" | 15.88 | 19.05 | 19.84 | 38.10 | 43.99 | 38.10 | 31.12 |
| | | | 0.625 | 0.750 | 0.781 | 1.500 | 1.732 | 1.500 | 1.225 |
| | 2216 | 1" | 19.05 | 22.23 | 19.84 | 37.31 | 45.82 | 39.70 | 37.97 |
| | | | 0.750 | 0.875 | 0.781 | 1.469 | 1.804 | 1.563 | 1.495 |
| | 2217 * | 1" | 22.23 | 25.02 | 19.84 | 37.31 | 45.82 | 39.70 | 37.97 |
| | | | 0.875 | 0.985 | 0.781 | 1.469 | 1.804 | 1.563 | 1.495 |
| | 2218 * | 1" | 22.35 | 27.05 | 19.84 | 50.01 | 54.99 | 47.63 | 48.54 |
| | | | 0.880 | 1.065 | 0.781 | 1.969 | 2.165 | 1.875 | 1.911 |
| | 2219 * | 1" | 27.05 | 30.61 | 19.84 | 50.01 | 54.99 | 47.63 | 48.54 |
| | | | 1.065 | 1.205 | 0.781 | 1.969 | 2.165 | 1.875 | 1.911 |
| | 2222 * | 1 1/4" | 30.15 | 34.93 | 21.44 | 57.15 | 54.38 | 50.80 | 54.38 |
| | | | 1.187 | 1.375 | 0.844 | 2.250 | 2.141 | 2.000 | 2.141 |
| | 2223 * | 1 1/4" | 34.93 | 37.72 | 21.44 | 57.15 | 79.78 | 50.80 | 79.78 |
| | | | 1.375 | 1.485 | 0.844 | 2.250 | 3.141 | 2.000 | 3.141 |

* 适当剥去电缆外皮, 让电缆导线穿过接头



内螺纹电缆格兰, 供常规用途使用

MSCG-I 系列



特性和优点:

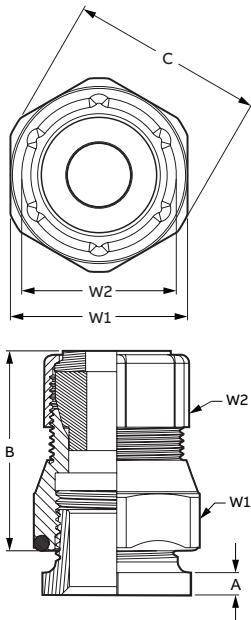
- 电缆锁紧范围广
- 全长度衬套密封, 保护电缆
- 采用内部固定方式, 避免进入机柜

MSCG-I 系列 - 内螺纹电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | 温度范围 | |
|----------------|----------------|------------------------------------|------------------|
| | | 正常使用: -20°C 到 105°C (-4°F 到 221°F) | |
| | UL514B | IP 等级 | |
| | CSA C22.2-18.3 | NEMA 类型 4x 或 6 (配备 5262 系列密封圈) | 钢/锌结构 氯丁橡胶密封圈 |
| ANSI C33.84 | | 潮湿或干燥区域 | 尼龙定位环 |
| NFPA 70 (ANSI) | | 防火 | |
| | | NFPA 70 (ANSI) | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | | |
|-------|------|-------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | | |
| | 2631 | 1/2" | 3.18 0.125 | 6.35 0.250 | 3.18 0.125 | 38.10 1.500 | 30.99 1.220 | 28.58 1.125 | 22.86 0.900 |
| | 2632 | 1/2" | 6.35 0.250 | 9.53 0.375 | 3.18 0.125 | 38.10 1.500 | 30.99 1.220 | 28.58 1.125 | 22.86 0.900 |
| | 2633 | 1/2" | 9.53 0.375 | 12.70 0.500 | 3.18 0.125 | 38.10 1.500 | 30.99 1.220 | 28.58 1.125 | 22.86 0.900 |
| | 2634 | 1/2" | 11.43 0.450 | 14.22 0.560 | 3.18 0.125 | 41.28 1.625 | 30.99 1.220 | 28.58 1.125 | 22.86 0.900 |
| | 2637 | 3/4" | 3.18 0.125 | 6.35 0.250 | 4.76 0.188 | 39.69 1.563 | 38.86 1.530 | 34.93 1.375 | 31.12 1.225 |
| | 2638 | 3/4" | 6.35 0.250 | 9.53 0.375 | 4.76 0.188 | 39.69 1.563 | 38.86 1.530 | 34.93 1.375 | 31.12 1.225 |
| | 2639 | 3/4" | 9.53 0.375 | 12.70 0.500 | 4.76 0.188 | 39.69 1.563 | 38.86 1.530 | 34.93 1.375 | 31.12 1.225 |
| | 2640 | 3/4" | 12.70 0.500 | 15.88 0.625 | 4.76 0.188 | 39.69 1.563 | 38.86 1.530 | 34.93 1.375 | 31.12 1.225 |
| | 2641 | 3/4" | 15.88 0.625 | 19.05 0.750 | 4.76 0.188 | 39.69 1.563 | 38.86 1.530 | 34.93 1.375 | 31.12 1.225 |
| | 2646 | 1" | 12.70 0.500 | 15.88 0.625 | 4.76 0.188 | 41.28 1.625 | 46.02 1.812 | 41.28 1.625 | 31.12 1.225 |
| | 2647 | 1" | 15.88 0.625 | 19.05 0.750 | 4.76 0.188 | 41.28 1.625 | 46.02 1.812 | 41.28 1.625 | 31.12 1.225 |
| | 2648 | 1" | 19.05 0.750 | 22.35 0.880 | 4.76 0.188 | 41.28 1.625 | 46.02 1.812 | 41.28 1.625 | 31.12 1.225 |



多孔电缆格兰，供常规用途使用

MSG-M 系列



特性和优点:

- 多导线夹紧
- 全长度衬套密封, 保护电缆
- 可选多孔衬套

MSG-M - 多孔电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | 温度范围 | | |
|-------|------------|------------------------------------|----------------|--|
| | | 正常使用: -20°C 到 105°C (-4°F 到 221°F) | | |
| UL | IP 等级 | 材料 | | |
| | | NEMA 类型 4x 或 6 (配备 5262 系列密封圈) | | |
| | | 钢/锌结构 氯丁橡胶密封圈 | | |
| | | 潮湿或干燥区域 尼龙或不锈钢定位环 | | |
| 防火 | | | | |
| | | | NFPA 70 (ANSI) | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 孔数 | 标称尺寸 (mm/in) | | | | | |
|-------|---------|--------|----|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | 线芯直径 | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2520-2 | 1/2" | 2 | 5.59 0.220 | 15.62 0.615 | 27.23 1.072 | 28.58 1.125 | 25.40 1.000 | 26.21 1.032 |
| | 2530-2 | 3/4" | 2 | 5.59 0.220 | 15.93 0.627 | 28.52 1.123 | 32.99 1.299 | 25.40 1.000 | 31.12 1.225 |
| | 2531-2 | 3/4" | 2 | 6.60 0.260 | 15.93 0.627 | 28.52 1.123 | 36.65 1.443 | 25.40 1.000 | 31.12 1.225 |
| | 2531-3 | 3/4" | 3 | 6.60 0.260 | 15.93 0.627 | 28.52 1.123 | 36.65 1.443 | 25.40 1.000 | 31.12 1.225 |
| | 2541-2* | 1" | 2 | 7.62 0.300 | 20.04 0.789 | 23.62 0.930 | 41.28 1.625 | 38.10 1.500 | 37.97 1.495 |
| | 2542-2* | 1" | 2 | 9.53 0.560 | 20.04 0.789 | 23.62 0.930 | 41.28 1.625 | 38.10 1.500 | 37.97 1.495 |
| | 2540-3 | 1" | 3 | 5.72 0.225 | 20.04 0.789 | 23.62 0.930 | 41.28 1.625 | 38.10 1.500 | 37.97 1.495 |
| | 2541-3 | 1" | 3 | 7.62 0.300 | 20.04 0.789 | 23.62 0.930 | 41.28 1.625 | 38.10 1.500 | 37.97 1.495 |
| | 2540-4 | 1" | 4 | 5.59 0.220 | 20.04 0.789 | 23.62 0.930 | 41.28 1.625 | 38.10 1.500 | 37.97 1.495 |
| | 2555-2 | 1 1/4" | 2 | 12.70 0.804 | 20.42 0.804 | 39.93 1.572 | 53.16 2.093 | 49.20 1.937 | 48.54 1.911 |

304 不锈钢, 抗腐蚀电缆格兰, 供常规用途使用

SSG 系列



特性和优点:

- 电缆锁紧范围广
- 防水机械式锁紧
- 抗腐蚀强
- 直型, 可选 90°
- 全长度衬套密封, 保护电缆

SSG 系列 - 抗腐蚀电缆格兰, 供常规用途使用

| 批准及认证 | 合规性 符合: | | 温度范围 |
|-----------------------------------|----------------|----------------|------------------------------------|
| | UL514B | CSA C22.2-18.3 | |
| | | ANSI C33.84 | 正常使用: -20°C 到 105°C (-4°F 到 221°F) |
| | | NFPA 70 (ANSI) | |
| IP 等级 | 材料 | | |
| NEMA 类型 4x 或 6 (配备 5262 系列密封圈) | | 不锈钢 304 结构 | |
| 潮湿或干燥区域 | | 热塑弹性体密封圈 | |
| | | 尼龙定位环 | |
| 防火 | | | |
| | NFPA 70 (ANSI) | | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆规格 | | | 标称尺寸 (mm/in) | | | |
|---------|---------|-------|---------------|---------------|-------|--------------|-------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| 2920SST | 2920SST | 1/2" | 3.18 | 9.53 | 15.49 | 33.66 | 32.99 | 28.58 | 28.58 |
| | | | 0.125 | 0.375 | 0.610 | 1.325 | 1.299 | 1.125 | 1.125 |
| 2921SST | 2921SST | 1/2" | 7.87 | 14.22 | 15.49 | 33.66 | 32.99 | 28.58 | 28.58 |
| | | | 0.310 | 0.560 | 0.610 | 1.325 | 1.299 | 1.125 | 1.125 |
| 2922SST | 2922SST | 1/2" | 12.70 | 19.05 | 15.49 | 35.38 | 36.65 | 28.58 | 31.75 |
| | | | 0.500 | 0.750 | 0.610 | 1.393 | 1.443 | 1.125 | 1.250 |
| 2930SST | 2930SST | 3/4" | 3.18 | 9.53 | 16.00 | 36.40 | 36.65 | 31.75 | 31.75 |
| | | | 0.125 | 0.375 | 0.630 | 1.433 | 1.443 | 1.250 | 1.250 |
| 2931SST | 2931SST | 3/4" | 7.87 | 14.22 | 16.00 | 36.40 | 36.65 | 31.75 | 31.75 |
| | | | 0.310 | 0.560 | 0.630 | 1.433 | 1.443 | 1.250 | 1.250 |
| 2932SST | 2932SST | 3/4" | 12.70 | 19.05 | 16.00 | 36.40 | 36.65 | 31.75 | 31.75 |
| | | | 0.500 | 0.750 | 0.630 | 1.433 | 1.443 | 1.250 | 1.250 |
| 2940SST | 2940SST | 1" | 7.87 | 14.22 | 19.94 | 35.38 | 43.99 | 38.10 | 31.75 |
| | | | 0.310 | 0.560 | 0.785 | 1.393 | 1.732 | 1.500 | 1.250 |
| 2941SST | 2941SST | 1" | 12.70 | 19.05 | 19.94 | 35.38 | 43.99 | 38.10 | 31.75 |
| | | | 0.500 | 0.750 | 0.785 | 1.393 | 1.732 | 1.500 | 1.250 |
| 2942SST | 2942SST | 1" | 17.78 | 24.13 | 19.94 | 36.40 | 43.99 | 38.10 | 38.10 |
| | | | 0.700 | 0.950 | 0.785 | 1.433 | 1.732 | 1.500 | 1.500 |

铝质电缆格兰，供常规用途使用

ASG 系列



特性和优点:

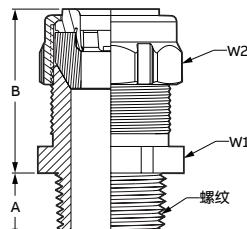
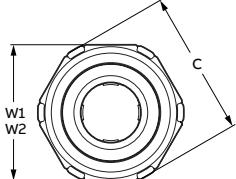
- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封, 保护电缆

ASG 系列 - 铝质电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|--------------------------------------|--|------------------------------------|
| | UL514B CSA C22.2-18.3 ANSI C33.84 NFPA 70-1978 (ANSI) | 正常使用: -20°C 到 105°C (-4°F 到 221°F) |
| IP 等级 | 材料 | |
| NEMA 3R, 4, 6, 13 (配备 5262 系列密封圈) | 铝结构 热塑弹性体密封圈 尼龙定位环 | |
| 潮湿或干燥区域 | | |
| 防火 | | |
| NFPA 70 (ANSI) | | |

尺寸

| NPT | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | | |
|-----|--------|-------|---------------|---------------|-------|--------------|-------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | 2920AL | 1/2" | 3.18 | 9.53 | 15.56 | 32.69 | 34.24 | 25.40 | 29.64 |
| | | | 0.125 | 0.375 | 0.613 | 1.287 | 1.348 | 1.000 | 1.167 |
| | 2921AL | 1/2" | 7.87 | 14.22 | 15.56 | 32.69 | 34.24 | 25.40 | 29.64 |
| | | | 0.310 | 0.560 | 0.613 | 1.287 | 1.348 | 1.000 | 1.167 |
| | 2922AL | 1/2" | 12.70 | 19.05 | 15.56 | 28.89 | 37.47 | 31.75 | 32.44 |
| | | | 0.500 | 0.750 | 0.613 | 1.138 | 1.475 | 1.250 | 1.277 |
| | 2930AL | 3/4" | 3.18 | 9.53 | 15.94 | 34.10 | 37.47 | 31.75 | 32.44 |
| | | | 0.125 | 0.375 | 0.628 | 1.343 | 1.475 | 1.250 | 1.277 |
| | 2931AL | 3/4" | 7.87 | 14.22 | 15.94 | 34.10 | 37.47 | 31.75 | 32.44 |
| | | | 0.310 | 0.560 | 0.628 | 1.343 | 1.475 | 1.250 | 1.277 |
| | 2932AL | 3/4" | 12.70 | 19.05 | 15.94 | 34.10 | 37.47 | 31.75 | 32.44 |
| | | | 0.500 | 0.750 | 0.628 | 1.343 | 1.475 | 1.250 | 1.277 |
| | 2940AL | 1" | 7.87 | 14.22 | 20.04 | 34.57 | 41.66 | 38.10 | 31.17 |
| | | | 0.310 | 0.560 | 0.789 | 1.361 | 1.640 | 1.500 | 1.227 |
| | 2941AL | 1" | 12.70 | 19.05 | 20.04 | 34.57 | 41.66 | 38.10 | 32.44 |
| | | | 0.500 | 0.750 | 0.789 | 1.361 | 1.640 | 1.500 | 1.277 |
| | 2942AL | 1" | 17.78 | 24.13 | 20.04 | 41.40 | 44.73 | 38.10 | 38.74 |
| | | | 0.700 | 0.950 | 0.789 | 1.630 | 1.761 | 1.500 | 1.525 |



铝质 90° 弯头电缆格兰, 供常规用途使用

ASG 系列



特性和优点:

- 电缆锁紧范围广
- 防水机械式锁紧
- 全长度衬套密封, 保护电缆
- 弯头结构适用于在紧凑位置进行安装

ASG 系列 - 铝质 90° 弯头电缆格兰

| 批准及认证 | 合規性 符合: | 温度范围 | | |
|---------------------|------------|--------------------------------------|--|--|
| | | 正常使用: -20°C 到 105°C (-4°F 到 221°F) | | |
| UL | CSA | IP 等级 | | |
| | | NEMA 3R, 4, 6, 13 (配备 5262 系列密封圈) | | |
| NFPA 70-1978 (ANSI) | | 铝结构 | | |
| | | 热塑弹性体密封圈 潮湿或干燥区域 | | |
| 尼龙定位环 | | | | |
| 防火 | | | | |
| NFPA 70-1978 (ANSI) | | | | |

尺寸

| NPT | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | | |
|--------|--------|-------|---------------|---------------|-------|--------------|-------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| 4960AL | 4960AL | 1/2" | 3.18 | 9.53 | 17.48 | 44.45 | 30.18 | 27.00 | 29.64 |
| | | | 0.125 | 0.375 | 0.688 | 1.750 | 1.188 | 1.063 | 1.167 |
| 4961AL | 4961AL | 1/2" | 9.14 | 14.22 | 17.48 | 44.45 | 30.18 | 27.00 | 29.64 |
| | | | 0.360 | 0.560 | 0.613 | 1.750 | 1.188 | 1.063 | 1.167 |
| 4970AL | 4970AL | 3/4" | 3.18 | 9.53 | 17.27 | 45.24 | 38.38 | 33.50 | 32.44 |
| | | | 0.125 | 0.375 | 0.680 | 1.781 | 1.511 | 1.319 | 1.277 |
| 4971AL | 4971AL | 3/4" | 7.87 | 14.22 | 17.27 | 45.24 | 38.38 | 33.50 | 32.44 |
| | | | 0.310 | 0.560 | 0.680 | 1.781 | 1.511 | 1.319 | 1.277 |
| 4972AL | 4972AL | 3/4" | 12.70 | 19.05 | 17.27 | 45.24 | 38.38 | 33.50 | 32.44 |
| | | | 0.500 | 0.750 | 0.680 | 1.781 | 1.511 | 1.319 | 1.277 |
| 4980AL | 4980AL | 1" | 7.87 | 14.22 | 19.84 | 51.59 | 45.82 | 39.70 | 32.44 |
| | | | 0.310 | 0.560 | 0.781 | 2.031 | 1.475 | 1.250 | 1.277 |
| 4981AL | 4981AL | 1" | 12.70 | 19.05 | 19.84 | 51.59 | 45.82 | 39.70 | 32.44 |
| | | | 0.500 | 0.750 | 0.789 | 2.031 | 1.475 | 1.250 | 1.277 |
| 4982AL | 4982AL | 1" | 17.78 | 24.13 | 20.65 | 68.28 | 39.70 | 39.70 | 38.74 |
| | | | 0.700 | 0.950 | 0.813 | 2.688 | 1.563 | 1.563 | 1.525 |

钢丝网套, 与 MSG 和 ASG 系列电缆格兰一起使用

WMG-PC 系列



特性和优点:

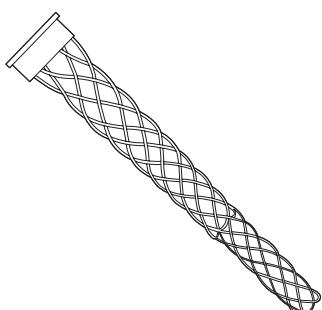
- 防止电缆严重弯曲或拉出
- 用于铝质或钢制电缆格兰

WMG-PC 系列 - 钢丝网套, 格兰

| 批准及认证 | 合規性 符合: | 温度范围 | |
|-------|----------------|----------|------------------|
| | | UL514B | 请参考配用的格兰 |
| UL | CSA C22.2-18.3 | IP 等级 | 材料 |
| | | 请参考配用的格兰 | 不锈钢钢丝网套 铝质定位环 |

尺寸

| NPT | 部件编号 | 电缆范围 | | 直型 | | 45° | | 90° | |
|-----|---------|---------------|---------------|--------|------|--------|--------|--------|------|
| | | 最小 (mm/in) | 最大 (mm/in) | ASG | MSG | MSG-45 | ASG-90 | MSG-90 | |
| | WMG-PC1 | 4.75 | 6.35 | 2920AL | 2520 | 2200 | 4960AL | 2267 | |
| | | 0.187 | 0.250 | | | | | | |
| | WMG-PC2 | 6.35 | 9.53 | 2920AL | 2521 | 2201 | 4960AL | 2268 | |
| | | 0.250 | 0.375 | | | | | | |
| | WMG-PC3 | 9.53 | 12.70 | 2921AL | 2522 | 2202 | 4961AL | 2269 | |
| | | 0.375 | .500 | | | | | | |
| | WMG-PC4 | 12.70 | 15.88 | 2922AL | 2524 | 2204 | 4962AL | 2250 | |
| | | 0.500 | 0.625 | 2932AL | 2534 | 2209 | 4972AL | 2273 | |
| | | | | 2941AL | 2544 | 2214 | 4681AL | 2255 | |
| | WMG-PC5 | 15.88 | 19.05 | 2922AL | 2525 | 2205 | 4962AL | 2251 | |
| | | 0.625 | 0.750 | 2932AL | 2535 | 2210 | 4972AL | 2274 | |
| | | | | 2941AL | 2545 | 2215 | 4681AL | 2256 | |
| | WMG-PC6 | 4.75 | 6.35 | 2930AL | 2530 | 2206 | 4970AL | 2252 | |
| | | 0.187 | 0.250 | | | | | | |
| | WMG-PC7 | 6.35 | 9.53 | 2930AL | 2531 | 2207 | 4970AL | 2271 | |
| | | 0.250 | 0.375 | | 2541 | | | | |
| | WMG-PC8 | 9.53 | 12.70 | 2931AL | 2532 | 2208 | 4961AL | 2272 | |
| | | 0.250 | 0.375 | 2940AL | 2542 | 2213 | 4980AL | 2254 | |
| | WMG-PC9 | 19.05 | 22.22 | 2942AL | 2536 | 2211 | 4982AL | 2253 | |
| | | 0.750 | 0.875 | | 2546 | 2216 | | | 2275 |



钢丝网套, 与 MSG 和 ASG 系列电缆格兰一起使用

WMG-PC 系列

尺寸

| NPT | 部件编号 | 电缆范围 | | ASG | MSG | 45° | | 90° | |
|---|------------|---------------|---------------|-----|------|--------|--------|--------|--|
| | | 最小 (mm/in) | 最大 (mm/in) | | | MSG-45 | ASG-90 | MSG-90 | |
|  | WMG-PC10 | 22.22 | 25.40 | - | 2547 | 2217 | - | 2276 | |
| | | 0.875 | 1.000 | | | | | | |
| | WMG-PC11 | 22.22 | 25.40 | - | 2548 | 2218 | - | 2257 | |
| | | 0.875 | 1.000 | | 2558 | | | 2277 | |
| | WMG-PC12 | 25.40 | 25.58 | - | 2548 | 2218 | - | 2257 | |
| | | 1.000 | 1.125 | | 2558 | 2219 | | 2277 | |
| | | | | | 2549 | | | 2258 | |
| | | | | | 2559 | | | 2278 | |
| | WMG-PC13 | 28.58 | 31.75 | - | 2549 | - | - | 2219 | |
| | | 1.125 | 1.250 | | 2559 | | | 2278 | |
| | WMG-PC14 | 28.58 | 31.75 | - | 2556 | - | - | 2222 | |
| | | 1.125 | 1.250 | | 2563 | | | 2282 | |
| | | | | | 2564 | | | 2283 | |
| | WMG-PC15 | 31.75 | 34.93 | - | 2564 | 2222 | - | 2256 | |
| | | 1.250 | 1.375 | | | | | 2283 | |
| | WMG-PC16 * | 34.93 | 38.10 | - | 2557 | 2223 | - | 2280 | |
| | | 1.375 | 1.500 | | | | | | |
| | WMG-PC17 * | 28.58 | 31.75 | - | 2573 | - | - | 2284 | |
| | | 1.125 | 1.250 | | | | | | |
| | WMG-PC18 * | 31.75 | 34.93 | - | 2573 | - | - | 2284 | |
| | | 1.250 | 1.375 | | | | | | |
| | WMG-PC19 * | 34.93 | 38.10 | - | 2565 | - | - | 2285 | |
| | | 1.375 | 1.500 | | 2574 | | | | |
| | WMG-PC20 * | 31.10 | 41.28 | - | 2565 | - | - | 2285 | |
| | | 1.500 | 1.625 | | 2574 | | | | |
| | WMG-PC21 * | 41.28 | 44.45 | - | 2575 | - | - | 2286 | |
| | | 1.625 | 1.750 | | | | | | |
| | WMG-PC22 * | 44.45 | 47.63 | - | 2575 | - | - | 2286 | |
| | | 1.750 | 1.875 | | | | | | |

铁路专用 电缆格兰

ABB 电缆格兰产品符合欧洲安全标准 EN45545, 无论是内部还是外部安装, 均具有最高的 HL3 防火性能等级, 适用于铁路车辆和基础设施使用。专用于铁路基础设施的电缆格兰系列产品, 在对低烟低毒、温度范围大、多用途电缆夹紧功能以及耐油耐化学品等方面有较高要求的严苛环境下, 均可安装使用。

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30 多年来, 我们一直与全球领先的公共交通系统制造商和供应商开展合作。

我们不仅了解客户需要达到的标准, 也了解您面临的行业问题, 包括您对客户服务交付的期望。

无论高温环境还是寒冷的零下环境, 我们的系统产品能在各类严苛条件下工作, 同时还能够承受持续的振动, 具有优秀的进水防护和抗腐蚀功能。我们还提供无卤低烟低毒材料的产品。如果您的项目与火车站、基础设施、信号系统、隧道系统、监控系统或数据信息系统相关, 那么我们的经验将为您提供更大帮助。

产品示例

- RBCG 系列 - 黄铜电缆格兰, 铁路专用
- RNCG 系列 - 尼龙电缆格兰, 铁路专用
- RBSG 系列 - 多层密封镀镍黄铜格兰, 铁路专用

—
01



尼龙电缆格兰 - EN45545, 铁路专用

RNCG系列



RNCG 系列 - 尼龙电缆格兰

| 批准及认证 | 合规性 符合: |
|-------|---|
| CE | EN 45545-2, HL3 (R22 and R23) EN 62444 |

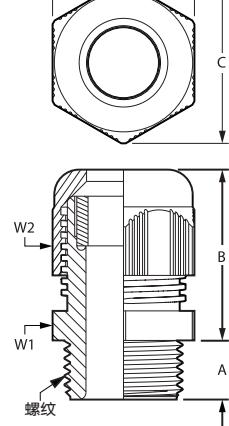
特性和优点:

- 符合 EN 45545-2 标准, 具有 HL3 等级, 可供 R22 和 R23 类别用途使用
- 轻量尼龙结构
- 密封范围大
- 抗腐蚀

| 温度范围 | |
|--|---|
| 正常使用: -40°C 到 +100°C (-40°F 到 +212°F)- | |
| 短期: -40°C 到 +120°C (-40°F 到 +248°F) | |
| IP 等级 | 材料 |
| IP66 | 所有材料均符合 EN 45545-2 标准, 具有 HL3 等级, 可供 R22 和 R23 类别用途使用 |
| IP68 (5 巴下 30 分钟) | |
| IP69 | |
| | 低烟无卤三元乙丙橡胶密封件 |
| | 防火 |
| | 低烟无卤尼龙格兰和格兰盖 |
| | EN 45545-2 HL3 |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|------|--------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| | RNCG-M122 | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 8.0 0.315 | 23.0 0.906 | 16.9 0.665 | 15.0 0.591 | 15.0 0.591 |
| | RNCG-M163-S | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 8.0 0.315 | 26.5 1.043 | 21.9 0.862 | 19.0 0.748 | 19.0 0.748 |
| | RNCG-M163 | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 10.0 0.394 | 26.5 1.043 | 21.9 0.862 | 19.0 0.748 | 19.0 0.748 |
| | RNCG-M164 | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 10.0 0.394 | 30.0 1.181 | 25.0 0.984 | 22.0 0.866 | 22.0 0.866 |
| | RNCG-M164-L | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 15.0 0.591 | 30.0 1.181 | 25.0 0.984 | 22.0 0.866 | 22.0 0.866 |
| | RNCG-M202 | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 10.0 0.394 | 30.0 1.181 | 27.0 1.063 | 24.0 1.945 | 24.0 1.945 |
| | RNCG-M202x-L | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 15.0 0.591 | 30.0 1.181 | 27.0 1.063 | 24.0 1.945 | 24.0 1.945 |
| | RNCG-M205 | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 10.0 0.394 | 33.5 1.319 | 31.0 1.22 | 27.0 1.063 | 27.0 1.063 |
| | RNCG-M205-L | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 15.0 0.591 | 33.5 1.319 | 31.0 1.22 | 27.0 1.063 | 27.0 1.063 |
| | RNCG-M254 | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 10.0 0.394 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 | 33.0 1.299 |



尼龙电缆格兰 - EN45545, 铁路专用

RNCG系列

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|---|-------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
|  | RNCG-M254-L | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 18.0 0.709 | 38.0 1.496 | 38.0 1.496 | 33.0 1.299 | 33.0 1.299 |
| | | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 15.0 0.591 | 42.0 1.654 | 47.3 1.862 | 42.0 1.654 | 42.0 1.654 |
| | RNCG-M404x | M40x1.5 | 22.0 0.866 | 32.0 1.26 | 18.0 0.709 | 52.0 2.047 | 60.0 2.362 | 53.0 2.087 | 53.0 2.087 |

黄铜电缆格兰 - EN45545, 铁路专用

RBCG 系列



RBCG 系列 - 黄铜电缆格兰

特性和优点:

- 符合 EN 45545-2 标准, 具有 HL3 等级, 可供 R22 和 R23 类别用途使用
- 坚固的金属结构
- 密封范围大

批准及认证**合规性
符合:**

EN 45545-2, HL3 (R22 and R23)

EN 62444

温度范围

正常使用: -40°C 到 +100°C (-40°F 到 +212°F)

短期: -40°C 到 +120°C (-40°F 到 +248°F)

IP 等级

IP66

所有材料均符合 EN 45545-2 标准,
具有 HL3 等级, 可供 R22 和 R23 类别
用途使用

IP68 (5 巴下 30 分钟)

IP69

镀镍黄铜格兰和格兰盖

防火

低烟无卤三元乙丙橡胶密封件

EN 45545-2 HL3

材料**尺寸**

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------|-------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| | RBCG-M122 | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 12.0 0.472 | 22.0 0.866 | 15.5 0.61 | 14.0 0.551 |
| | RBCG-M122-S | M12x1.5 | 3.0 0.118 | 6.5 0.256 | 6.0 0.236 | 22.0 0.866 | 15.5 0.61 | 14.0 0.551 |
| | RBCG-M163 | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 12.0 0.472 | 23.0 0.906 | 20.0 0.787 | 18.0 0.709 |
| | RBCG-M163-S | M16x1.5 | 4.0 0.157 | 8.0 0.315 | 7.0 0.276 | 23.0 0.906 | 20.0 0.787 | 18.0 0.709 |
| | RBCG-M164 | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 12.0 0.472 | 28.5 1.122 | 22.0 0.866 | 20.0 0.787 |
| | RBCG-M164-S | M16x1.5 | 5.0 0.197 | 10.0 0.394 | 7.0 0.276 | 28.5 1.122 | 22.0 0.866 | 20.0 0.787 |
| | RBCG-M202 | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 12.0 0.472 | 26.0 1.024 | 24.5 0.965 | 22.0 0.866 |
| | RBCG-M202-S | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 8.0 0.315 | 26.0 1.024 | 24.5 0.965 | 22.0 0.866 |
| | RBCG-M204 | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 12.0 0.472 | 28.0 1.102 | 26.8 1.055 | 24.0 0.945 |
| | RBCG-M204-S | M20x1.5 | 10.0 0.394 | 14.0 0.551 | 8.0 0.315 | 28.0 1.102 | 26.8 1.055 | 24.0 0.945 |

黄铜电缆格兰 - EN45545, 铁路专用

RBCG 系列

一
尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | |
|---|-------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
|  | RBCG-M254 | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 12.0 0.709 | 33.0 1.299 | 33.0 1.299 | 30.0 1.181 |
| | RBCG-M254-S | M25x1.5 | 13.0 0.512 | 18.0 0.709 | 8.0 0.315 | 33.0 1.299 | 33.0 1.299 | 30.0 1.181 |
| | RBCG-M325 | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 15.0 0.591 | 44.0 1.732 | 44.5 1.752 | 40.0 1.575 |
| | RBCG-M325-S | M32x1.5 | 18.0 0.709 | 25.0 0.984 | 9.0 0.354 | 44.0 1.732 | 44.5 1.752 | 40.0 1.575 |
| | RBCG-M405 | M40x1.5 | 22.0 0.866 | 32.0 1.26 | 15.0 0.591 | 52.5 2.067 | 55.5 2.185 | 50.0 1.185 |
| | RBCG-M404x | M40x1.5 | 22.0 0.866 | 32.0 1.26 | 9.0 0.354 | 52.5 2.067 | 55.5 2.185 | 50.0 1.185 |

可堆叠黄铜电缆格兰 - EN45545, 铁路专用

RBSG 系列



特性和优点:

- 符合 EN 45545-2 标准, 具有 HL3 等级, 可供 R22 和 R23 类别用途使用
- 坚固的金属结构
- 多密封衬套确保大锁紧范围

RBSG 系列 - 黄铜电缆格兰

| 批准及认证 | 合规性 符合: |
|-------|-------------------------------|
| | EN 45545-2, HL3 (R22 and R23) |
| | EN 62444 |

| 温度范围 | |
|---------------------------------------|---|
| 正常使用: -50°C 到 +125°C (-40°F 到 +257°F) | |
| 短期: -50°C 到 +140°C (-40°F 到 +284°F) | |
| IP 等级 | 材料 |
| IP66 | 所有材料均符合 EN 45545-2 标准, 具有 HL3 等级, 可供 R22 和 R23 类别用途使用 |
| IP68 (5 巴下 30 分钟) | |
| IP69 | |
| | 镀镍黄铜格兰和格兰盖 |
| 防火 | |
| EN 45545-2 HL3 | |

尺寸

| 公制螺纹 | 部件编号 | 公制 螺纹 | 电缆范围 (mm/in) | | | | 密封范围 (mm/in) | | | | 标称尺寸 (mm/in) | | | | |
|-----------|---------|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|
| | | | 最小 | 最大 | 最小 | 最大 | 最小 | 最大 | 最小 | 最大 | A 最小 | B 最小 | C 最小 | W1 | W2 |
| RBSG-M201 | M20x1.5 | | 4.0 0.157 | 12.0 0.472 | 9.0 0.354 | 12.0 0.472 | 6.0 0.236 | 9.0 0.354 | 4.0 0.157 | 6.0 0.236 | 9.0 0.354 | 27.0 1.063 | 24.5 0.965 | 22.0 0.866 | 22.0 0.866 |
| RBSG-M202 | M20x1.5 | | 10.0 0.394 | 16.0 0.630 | 14.5 0.571 | 16.0 0.630 | 12.0 0.472 | 14.5 0.571 | 10.0 0.394 | 12.0 0.472 | 9.0 0.354 | 30.0 1.181 | 31.0 1.220 | 28.0 1.102 | 28.0 1.102 |
| RBSG-M251 | M25x1.5 | | 4.0 0.157 | 12.0 0.472 | 9.0 0.354 | 12.0 0.472 | 6.0 0.236 | 9.0 0.354 | 4.0 0.157 | 6.0 0.236 | 9.0 0.354 | 27.0 1.063 | 31.0 1.220 | 28.0 1.102 | 22.0 0.866 |
| RBSG-M252 | M25x1.5 | | 10.0 0.394 | 18.0 0.709 | 14.5 0.571 | 18.0 0.709 | 12.0 0.472 | 14.5 0.571 | 10.0 0.394 | 12.0 0.472 | 9.0 0.354 | 30.5 1.201 | 31.0 1.220 | 28.0 1.102 | 28.0 1.102 |
| RBSG-M321 | M32x1.5 | | 10.0 0.394 | 18.0 0.709 | 14.5 0.571 | 18.0 0.709 | 12.0 0.472 | 14.5 0.571 | 10.0 0.394 | 12.0 0.472 | 9.0 0.354 | 30.5 1.201 | 39.0 1.535 | 35.0 1.378 | 28.0 1.102 |
| RBSG-M322 | M32x1.5 | | 14.0 0.551 | 24.0 0.945 | 20.0 0.787 | 24.0 0.945 | 17.0 0.669 | 20.0 0.787 | 14.0 0.551 | 17.0 0.669 | 9.0 0.354 | 33.0 1.299 | 39.0 1.535 | 35.0 1.378 | 35.0 1.378 |
| RBSG-M323 | M32x1.5 | | 22.0 0.866 | 28.0 1.102 | 27.0 1.063 | 28.0 1.102 | 24.0 0.945 | 27.0 1.063 | 22.0 0.866 | 24.0 0.945 | 9.0 0.354 | 41.0 1.614 | 49.5 1.949 | 45.0 1.772 | 45.0 1.772 |
| RBSG-M401 | M40x1.5 | | 14.0 0.551 | 24.0 0.945 | 20.0 0.787 | 24.0 0.945 | 17.0 0.669 | 20.0 0.787 | 14.0 0.551 | 17.0 0.669 | 9.0 0.354 | 33.0 1.299 | 50.0 1.969 | 45.0 1.772 | 35.0 1.378 |
| RBSG-M402 | M40x1.5 | | 22.0 0.866 | 32.0 1.260 | 27.0 1.063 | 32.0 1.260 | 24.0 0.945 | 27.0 1.063 | 22.0 0.866 | 24.0 0.945 | 9.0 0.354 | 40.5 1.594 | 49.5 1.949 | 45.0 1.772 | 45.0 1.772 |
| RBSG-M501 | M50x1.5 | | 26.0 1.024 | 35.0 1.378 | 31.0 1.220 | 35.0 1.378 | 28.0 1.102 | 31.0 1.220 | 26.0 1.024 | 28.0 1.102 | 9.0 0.354 | 43.5 1.713 | 61.0 2.402 | 55.0 2.165 | 50.0 1.969 |
| RBSG-M502 | M50x1.5 | | 35.0 1.378 | 44.0 1.732 | 41.0 1.614 | 44.0 1.732 | 38.0 1.496 | 41.0 1.614 | 35.0 1.378 | 38.0 1.496 | 9.0 0.354 | 43.0 1.693 | 70.0 2.756 | 64.0 2.520 | 64.0 2.520 |

食品饮料行业

电缆格兰

ABB 提供的电缆格兰非常卫生, 耐腐蚀, 能够为食品加工机械和配制站提供严密可靠的电气连接。

- 01 食品加工 - 防爆 (粉尘)
- 02 饮料生产 - 防爆 (水汽)

ABB 的高品质电缆格兰能够与 ABB 其他电气连接产品配合, 在食品饮料行业具有挑战性的工作环境下, 共同延长电气系统的使用寿命, 同时还能够减少系统的切换和停机时间。ABB 电缆格兰凭借自身的高侵入防护等级、耐腐蚀不锈钢以及尼龙结构, 即便在需要频繁冲洗的区域, 也能够应对工作条件带来的严酷挑战。

对于食品饮料公司而言, 最具吸引力的是经过 NSF 批准的 FSCG 不锈钢格兰产品系列, 能够保证电缆安全地接入设备, 以及同样经过 NSF 批准的 FSEM 不锈钢 EMC 格兰产品系列, 保证屏蔽电缆可以连续接地。均具有 IP69 防护等级。

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01



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02



不锈钢电缆格兰 - 经 NSF 批准的食品饮料业用途电缆格兰

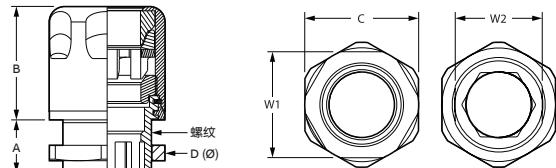
FSCG 系列



FSCG 系列 - 经 NSF 批准的电缆格兰

特性和优点:

- 光滑卫生的外壳
 - 一体式结构, 完全封闭
 - 适用于喷溅环境
 - 抗腐蚀



| 批准及认证 | 合规性 符合 |
|---|---|
|   | NSF - 169-2012 UL514B / CSA C22.2 第18.3号 |

| | 温度范围 |
|---------------------------------------|---------------------|
| 正常使用: -20°C 到 +100°C (-40°F 到 +212°F) | |
| 短期: -40°C 到 +150°C (-40°F 到 +302°F) | |
| IP 等级 | 材料 |
| IP66 | 不锈钢结构 |
| IP68 (5 巴下 30 分钟) | 符合 FDA 要求的三元乙丙橡胶密封件 |
| IP69 (蒸汽清洁) | |

一
尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | | 标称尺寸 (mm/in) | |
|-----------|---------|-------|---------------|---------------|-------|-------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | D 最小 | W1 |
| FSCG-M121 | M12x1.5 | 3.0 | 6.5 | 6.0 | 21.3 | 15.6 | 16.5 | 14.0 | 10.0 |
| | | 0.118 | 0.256 | 0.236 | 0.839 | 0.614 | 0.650 | 0.551 | 0.394 |
| FSCG-M161 | M16x1.5 | 5.0 | 10.0 | 7.0 | 23.1 | 20.2 | 21.0 | 18.0 | 14.0 |
| | | 0.197 | 0.394 | 0.276 | 0.909 | 0.795 | 0.827 | 0.709 | 0.551 |
| FSCG-M201 | M20x1.5 | 6.0 | 12.0 | 10.0 | 26.7 | 24.1 | 26.4 | 22.0 | 18.0 |
| | | 0.236 | 0.472 | 0.394 | 1.051 | 0.949 | 1.039 | 0.866 | 0.709 |
| FSCG-M251 | M25x1.5 | 12.0 | 17.0 | 14.0 | 29.1 | 30.1 | 33.0 | 28.0 | 23.0 |
| | | 0.472 | 0.669 | 0.551 | 1.146 | 1.185 | 1.299 | 1.102 | 0.906 |

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|-----------|------|-------|---------------|---------------|-------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | D 最小 | W1 |
| FSCG-0381 | 3/8" | 3.0 | 6.5 | 15.26 | 21.2 | 20.2 | 26.5 | 18.0 | 14.0 |
| | | 0.118 | 0.256 | 0.601 | 0.835 | 0.795 | 1.043 | 0.709 | 0.551 |
| FSCG-0382 | 3/8" | 5.0 | 10.0 | 15.26 | 23.7 | 24.1 | 26.5 | 22.0 | 14.0 |
| | | 0.197 | 0.394 | 0.601 | 0.933 | 0.949 | 1.043 | 0.866 | 0.551 |
| FSCG-0501 | 1/2" | 6.0 | 12.0 | 19.85 | 28.0 | 30.1 | 26.5 | 28.0 | 18.0 |
| | | 0.236 | 0.472 | 0.781 | 1.102 | 1.185 | 1.043 | 1.102 | 0.709 |
| FSCG-0751 | 3/4" | 12.0 | 17.0 | 20.15 | 31.6 | 38.0 | 39.0 | 35.0 | 23.0 |
| | | 0.472 | 0.669 | 0.793 | 1.244 | 1.496 | 1.535 | 1.378 | 0.906 |

不锈钢电缆格兰 - 经 NSF 批准的食品饮料业用途 EMC 电缆格兰

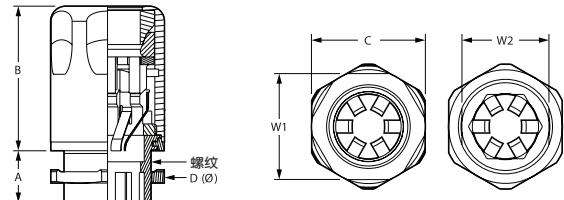
FSEM 系列



FSEM 系列 - 经 NSF 批准的电缆格兰

特性和优点:

- 光滑卫生的外壳
 - 一体式结构, 完全封闭
 - 内部连续接触面
 - 抗腐蚀
 - 与屏蔽的径向接触面增大, 提高 EMI 保护性能



| 批准及认证 | 合规性 符合: | 温度范围 |
|---|-----------------------------|--------------------------------------|
|  | NSF - 169-2012 | 正常使用: -20°C 到 +100°C (-8°F 到 +212°F) |
|  | UL514B / CSA C22.2 第 18.3 号 | 短期: -40°C 到 +150°C (-40°F 到 +302°F) |
| IP 等级 | 材料 | |
| IP66 | 不锈钢结构 | |
| IP67 | 符合 FDA 要求的三元乙丙橡胶密封件 | |
| IP68 (5 巴下 30 分钟) | | |
| IP69 (蒸汽清洁) | | |

一
尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | | | 标称尺寸 (mm/in) | |
|-----------|---------|-------|---------------|---------------|-------|-------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | D 最小 | W1 |
| FSEM-M161 | M16x1.5 | 5.0 | 10.0 | 7.0 | 28.1 | 20.2 | 21.0 | 18.0 | 14.0 |
| | | 0.197 | 0.394 | 0.276 | 1.106 | 0.795 | 0.827 | 0.709 | 0.551 |
| FSEM-M201 | M20x1.5 | 6.0 | 12.0 | 10.0 | 32.7 | 24.1 | 26.5 | 22.0 | 18.0 |
| | | 0.236 | 0.472 | 0.394 | 1.287 | 0.949 | 1.043 | 0.866 | 0.709 |
| FSEM-M251 | M25x1.5 | 12.0 | 17.0 | 14.0 | 37.9 | 30.1 | 33.0 | 28.0 | 23.0 |
| | | 0.472 | 0.669 | 0.551 | 1.492 | 1.185 | 1.299 | 1.102 | 0.906 |

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | | 标称尺寸 (mm/in) | |
|-----------|------|-------|---------------|---------------|-------|-------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | D 最小 | W1 |
| FSEM-0381 | 3/8" | 5.0 | 10.0 | 15.26 | 28.6 | 24.1 | 26.5 | 22.0 | 14.0 |
| | | 0.197 | 0.394 | 0.601 | 1.126 | 0.949 | 1.043 | 0.866 | 0.551 |
| FSEM-0501 | 1/2" | 6.0 | 12.0 | 19.85 | 33.2 | 30.1 | 26.5 | 28.0 | 18.0 |
| | | 0.236 | 0.472 | 0.781 | 1.307 | 1.185 | 1.043 | 1.102 | 0.709 |
| FSEM-0751 | 3/4" | 12.0 | 17.0 | 20.15 | 39.1 | 38.0 | 39.0 | 35.0 | 23.0 |
| | | 0.472 | 0.669 | 0.793 | 1.539 | 1.496 | 1.535 | 1.378 | 0.906 |

危险区域 电缆格兰

ABB 产品能在岸上和海面危险区域保护重要数据和动力电缆。

- 01 C1 系列
- 02 ISR 系列
- 03 STEX 系列

无论用于天然气探测器的数据电缆还是用于电力传输系统的电缆保护, ABB 危险区域专用电缆格兰产品的设计和制造均符合 ATEX 和 IECEx 标准, 也能在严苛、恶劣的环境下工作。

ABB 危险区专用电缆格兰适用于以下用途的多种电缆:

- 控制箱
- 电机
- 照明

产品示例

| 线缆类型 | 标准格兰 | 隔离式格兰 |
|-------|-------------|-------|
| 非铠装 | EXCG (非金属) | C4 系列 |
| | C2 系列 | |
| | ISR (机械锁紧) | |
| | C3 系列 | |
| 铠装线缆 | C1 系列 (双压接) | C5 系列 |
| MC 铠装 | ST | STX |
| | STE (高范围) | |
| EMC | C6 系列 | |
| 扁平 | C2F 系列 (伴热) | |
| | C6F 系列 (伴热) | |

—
01



—
02



—
03



危险区专用电缆格兰

ABB 危险区专用电缆格兰产品的设计和生产均能在严苛、恶劣的环境下工作。



电缆格兰, 危险区专用 选型指南

选型指南



| 类型 | 非铠装电缆类型 | | | | | | | | 铠装电缆类型 | |
|-------------|---------|--------|----|--------|----|-----|-----|----|--------|--|
| | EXCG | C2/C2F | C3 | C6/C6F | C4 | ISR | TCF | C1 | C5 | |
| 一般用途 | | | | | | | | | | |
| 商业建筑 | - | - | - | - | - | • | • | - | - | |
| 住宅建筑 | - | - | - | - | - | - | • | - | - | |
| 工业 MRO | - | - | - | - | - | • | • | • | - | |
| 低侵入 | - | - | - | - | - | - | - | - | - | |
| OEM | | | | | | | | | | |
| 一般用途 | • | - | - | - | - | - | • | - | - | |
| 工业机械 | • | • | - | - | - | • | • | • | - | |
| 商业机械 | - | - | - | - | - | • | - | - | - | |
| 盘柜制造 | • | • | - | - | - | - | • | - | - | |
| 照明 | • | • | - | - | - | - | - | - | - | |
| 铁路 | | | | | | | | | | |
| 牵引 - 外部 | - | - | - | - | - | - | - | - | - | |
| 牵引 - 内部 | - | - | - | - | - | - | - | - | - | |
| 基础设施 - 外部 | - | - | - | - | - | - | - | - | - | |
| 基础设施 - 内部 | - | - | - | - | - | - | - | - | - | |
| 自动化 | | | | | | | | | | |
| 机器人 | - | • | - | • | - | - | - | - | - | |
| 控制系统 | - | • | - | • | - | - | - | - | - | |
| 机柜与电机 | - | • | - | • | - | - | - | - | - | |
| 海运 | | | | | | | | | | |
| 一般用途 | • | • | • | • | • | • | - | • | • | |
| 室外用途 | • | • | • | • | • | • | - | • | • | |
| 乘员/船员区域 | • | • | • | • | • | • | - | • | • | |
| 油气行业 | | | | | | | | | | |
| IEC 标准 | • | • | • | • | • | • | - | • | • | |
| NEC 标准 | - | • | - | • | - | • | • | • | - | |
| 其他用途 | | | | | | | | | | |
| 太阳能发电 | - | - | - | - | - | - | - | - | - | |
| 食品饮料行业 | - | • | - | - | - | - | - | • | - | |
| 化工厂 | - | • | • | • | - | • | - | • | - | |
| 数据中心 | - | - | - | • | - | • | • | - | - | |
| 废水处理 | - | • | • | • | • | • | - | • | • | |
| 页码 | 64 | 65/68 | 70 | 72/75 | 77 | 79 | 81 | 83 | 86 | |



Ex e 尼龙电缆格兰, 危险区专用

EXCG 系列



特性和优点:

- 增安型 Ex e
- 适用于 1、2、21 和 22 区
- 用于非铠装圆形电缆
- 可用于 Ex ia 自带安全, 配蓝盖

EXCG 系列 - 尼龙电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------|---|---------------------|
| | EN/IEC: 60079-0, 60079-7, 60079-34, 62444 ATEX: IMQ13ATEX016X IECEx: IECEx IMQ 13.0005X @ II 2 GD, Ex e IIC Gb, Ex tb IIIC Db | 工作范围: -40°C 至 +80°C |
| | | IP 等级 |
| | | IP66 |
| | | 尼龙 |
| | | IP68 |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | 标称尺寸 (mm/in) | | |
|------|-----------|------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | W1 |
| | EXCGM20S | M20 | 6.0 0.236 | 12.0 0.472 | 10.0 0.393 | 40.0 1.574 | 24.0 0.944 |
| | EXCGM20SL | M20 | 6.0 0.236 | 12.0 0.472 | 15.0 0.590 | 45.0 1.771 | 24.0 0.944 |
| | EXCGM20M | M20 | 10.0 0.393 | 14.0 0.551 | 10.0 0.393 | 42.0 1.653 | 27.0 1.062 |
| | EXCGM20ML | M20 | 10.0 0.393 | 14.0 0.551 | 15.0 0.590 | 50.0 1.968 | 27.0 1.062 |
| | EXCGM25S | M25 | 13.0 0.511 | 18.0 0.708 | 10.0 0.393 | 47.0 1.850 | 33.0 1.299 |
| | EXCGM25SL | M25 | 13.0 0.511 | 18.0 0.708 | 15.0 0.590 | 50.0 1.968 | 33.0 1.299 |
| | EXCGM25M | M25 | 11.0 0.433 | 17.0 0.669 | 8.0 0.314 | 42.5 1.673 | 29.0 1.141 |
| | EXCGM32S | M32 | 15.0 0.590 | 21.0 0.826 | 10.0 0.393 | 50.0 1.968 | 36.0 1.417 |
| | EXCGM32M | M32 | 18.0 0.708 | 25.0 0.984 | 15.0 0.590 | 68.0 2.677 | 42.0 1.653 |
| | EXCGM40S | M40 | 19.0 0.748 | 28.0 1.102 | 10.0 0.393 | 55.0 2.165 | 46.0 1.811 |
| | EXCGM40M | M40 | 22.0 0.866 | 32.0 1.259 | 18.0 0.708 | 68.0 2.677 | 53.0 2.086 |
| | EXCGM50S | M50 | 30.0 1.181 | 38.0 1.496 | 18.0 0.708 | 73.0 2.874 | 60.0 2.362 |
| | EXCGM63S | M63 | 34.0 1.338 | 44.0 1.732 | 18.0 0.708 | 74.0 2.913 | 65.0 2.559 |

Ex d e 非铠装电缆格兰, 危险区专用

C2 系列



特性和优点:

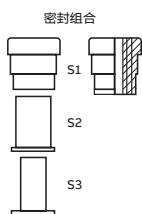
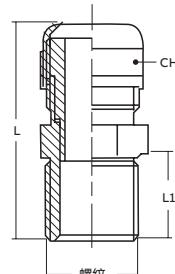
- 防火型 Ex d 和增安型 Ex e
- 适用于 1、2、21 和 22 区
- 用于非铠装圆形电缆
- 适用电缆范围广
- 防水

C2 系列 - Ex d e 单压接电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------------------|--|---------------------------------------|
| | EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444 UL514B, UL2225 ATEX: IMQ14ATEX013X IECEx: IECEx IMQ 14.0005X InMetro: UL-BR 15.0685X EACEx: RU C-GB-AA87.B.00198 CNEX: CNEx15.1696X DNV: TAE00000Y3 UL: E477121 @ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db 1类1区 AEx e IIC | 工作范围: -40°C 到 +100°C (-40°F 到 +212°F) |
| IP 等级 | 材料 | |
| IP66 | 镀镍黄铜 | |
| IP68 (5 巴下 30 分钟) | 316 不锈钢 | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | | 标称尺寸 (mm/in) | |
|------|-----------|---------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | EXN03MMC2 | M16x1.5 | 4.0 0.157 | 12.0 0.472 | 16.0 0.63 | 31.0 1.22 | 24.0 0.945 |
| | EXN04MSC2 | M20x1.5 | 3.0 0.118 | 9.0 0.354 | 16.0 0.63 | 27.0 1.063 | 24.0 0.945 |
| | EXN04MMC2 | M20x1.5 | 4.0 0.157 | 12.0 0.472 | 16.0 0.63 | 27.0 1.063 | 24.0 0.945 |
| | EXN04MLC2 | M20x1.5 | 10.0 0.394 | 16.0 0.63 | 16.0 0.63 | 30.0 1.181 | 28.0 1.22 |
| | EXN05MMC2 | M25x1.5 | 10.0 0.394 | 18.0 0.709 | 16.0 0.63 | 30.5 1.201 | 28.0 1.22 |
| | EXN05MLC2 | M25x1.5 | 14.0 0.551 | 20.0 0.787 | 16.0 0.63 | 34.0 1.339 | 39.0 1.535 |
| | EXN06MMC2 | M32x1.5 | 14.0 0.551 | 24.0 0.945 | 16.0 0.63 | 33.0 1.299 | 39.0 1.535 |
| | EXN06MLC2 | M32x1.5 | 22.0 0.866 | 28.0 1.102 | 16.0 0.63 | 41.0 1.614 | 50.0 1.969 |
| | EXN07MMC2 | M40x1.5 | 22.0 0.866 | 32.0 1.26 | 18.0 0.709 | 41.0 1.614 | 50.0 1.969 |
| | | | | | | | 45.0 1.772 |
| | | | | | | | 45.0 1.772 |



Ex d e 非铠装电缆格兰, 危险区专用**C2 系列**

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尺寸



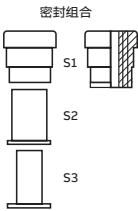
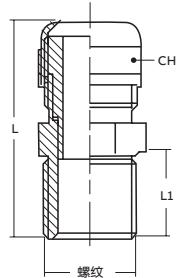
| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | | | 标称尺寸 (mm/in) | |
|-----------|---------|-------|-----------------|-----------------|-------|-------|--------------|-------|
| | | | 内部最小 (mm/in) | 外部最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| EXN07MLC2 | M40x1.5 | 26.0 | 34.0 | 18.0 | 44.0 | 55.5 | 50.0 | 50.0 |
| | | 1.024 | 1.339 | 0.709 | 1.732 | 2.185 | 1.969 | 1.969 |
| EXN08MSC2 | M50x1.5 | 26.0 | 35.0 | 18.0 | 44.0 | 61.0 | 55.0 | 50.0 |
| | | 1.024 | 1.378 | 0.709 | 1.732 | 2.402 | 2.165 | 1.969 |
| EXN08MMC2 | M50x1.5 | 35.0 | 44.0 | 18.0 | 43.0 | 70.0 | 64.0 | 64.0 |
| | | 1.378 | 1.732 | 0.709 | 1.693 | 2.756 | 2.52 | 2.52 |
| EXN09MSC2 | M63x1.5 | 35.0 | 45.0 | 18.0 | 43.0 | 75.0 | 68.0 | 64.0 |
| | | 1.378 | 1.772 | 0.709 | 1.693 | 2.953 | 2.677 | 2.52 |
| EXN09MMC2 | M63x1.5 | 46.0 | 56.0 | 18.0 | 52.5 | 89.0 | 75.0 | 80.0 |
| | | 1.811 | 2.205 | 0.709 | 2.067 | 3.504 | 2.953 | 3.15 |
| EXN10MSC2 | M75x1.5 | 46.0 | 62.0 | 20.0 | 52.0 | 89.0 | 80.0 | 80.0 |
| | | 1.811 | 2.441 | 0.787 | 2.047 | 3.504 | 3.15 | 3.15 |
| EXN10MMC2 | M75x1.5 | 60.0 | 69.0 | 20.0 | 55.0 | 105.0 | 95.0 | 95.0 |
| | | 2.362 | 2.717 | 0.787 | 2.165 | 4.134 | 3.74 | 3.74 |
| EXN11MSC2 | M90x1.5 | 60.0 | 75.0 | 20.0 | 55.0 | 105.0 | 95.0 | 95.0 |
| | | 2.362 | 2.953 | 0.787 | 2.165 | 4.134 | 3.74 | 3.74 |
| EXN11MMC2 | M90x1.5 | 75.0 | 82.0 | 20.0 | 55.0 | 117.0 | 105.0 | 105.0 |
| | | 2.953 | 3.228 | 0.787 | 2.165 | 4.606 | 4.134 | 4.134 |

Ex d e 非铠装电缆格兰, 危险区专用

C2 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | 标称尺寸 (mm/in) | | |
|-------|-----------|--------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| | EXN03AMC2 | 3/8" | 4.0 0.157 | 12.0 0.472 | 16.0 0.63 | 31.0 1.22 | 24.0 0.945 | 22.0 0.866 |
| | EXN04ASC2 | 1/2" | 3.0 0.118 | 9.0 0.354 | 16.0 0.63 | 27.0 1.063 | 24.0 0.945 | 22.0 0.866 |
| | EXN04AMC2 | 1/2" | 4.0 0.157 | 12.0 0.472 | 16.0 0.63 | 27.0 1.063 | 24.0 0.945 | 22.0 0.866 |
| | EXN04ALC2 | 1/2" | 10.0 0.394 | 16.0 0.63 | 16.0 0.63 | 30.0 1.181 | 31.0 1.22 | 28.0 1.102 |
| | EXN05AMC2 | 3/4" | 10.0 0.394 | 18.0 0.709 | 16.0 0.63 | 30.5 1.201 | 31.0 1.22 | 28.0 1.102 |
| | EXN05ALC2 | 3/4" | 14.0 0.551 | 20.0 0.787 | 16.0 0.63 | 34.0 1.339 | 39.0 1.535 | 35.0 1.378 |
| | EXN06AMC2 | 1" | 14.0 0.551 | 24.0 0.945 | 20.0 0.787 | 33.0 1.299 | 39.0 1.535 | 35.0 1.378 |
| | EXN06ALC2 | 1" | 22.0 0.866 | 28.0 1.102 | 20.0 0.787 | 41.0 1.614 | 50.0 1.969 | 45.0 1.772 |
| | EXN07AMC2 | 1 1/4" | 22.0 0.866 | 32.0 1.26 | 20.0 0.787 | 41.0 1.614 | 50.0 1.969 | 45.0 1.772 |
| | EXN07ALC2 | 1 1/4" | 26.0 1.0 | 34.0 1.3 | 20.0 0.8 | 44.0 1.7 | 55.5 2.2 | 50.0 2.0 |
| | EXN08ASC2 | 1 1/2" | 26.0 1.0 | 35.0 1.4 | 20.0 0.8 | 44.0 1.7 | 61.0 2.4 | 55.0 2.2 |
| | EXN08AMC2 | 1 1/2" | 35.0 1.4 | 44.0 1.7 | 20.0 0.8 | 43.0 1.7 | 70.0 2.8 | 64.0 2.5 |
| | EXN09ASC2 | 2" | 35.0 1.4 | 45.0 1.8 | 20.0 0.8 | 43.0 1.7 | 75.0 3.0 | 68.0 2.7 |
| | EXN09AMC2 | 2" | 46.0 1.8 | 56.0 2.2 | 20.0 0.8 | 52.5 2.1 | 89.0 3.5 | 75.0 3.0 |
| | EXN10ASC2 | 2 1/2" | 46.0 1.8 | 62.0 2.4 | 21.0 0.8 | 52.0 2.0 | 89.0 3.5 | 80.0 3.2 |
| | EXN10AMC2 | 2 1/2" | 60.0 2.4 | 69.0 2.7 | 21.0 0.8 | 55.0 2.2 | 105.0 4.1 | 95.0 3.7 |
| | EXN11ASC2 | 3" | 60.0 2.4 | 75.0 3.0 | 21.0 0.8 | 55.0 2.2 | 105.0 4.1 | 95.0 3.7 |
| | EXN11AMC2 | 3" | 75.0 3.0 | 82.0 3.2 | 21.0 0.8 | 55.0 2.2 | 117.0 4.6 | 105.0 4.1 |



Ex d e 扁平电缆格兰, 危险区专用

C2F 系列

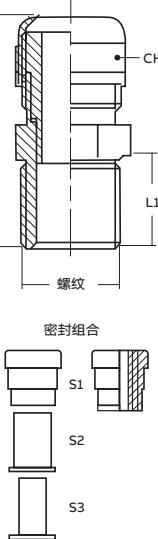


C2F 系列 - Ex e 扁平电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 | |
|-------|---|-------|--------------|
| | | IP 等级 | 材料 |
| | EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444 ATEX: IMQ14ATEX013X IECEx: IECEx IMQ 14.0005X InMetro: UL-BR 15.0685X EACEx: RU C-GB-AA87.B.00198 CNEx: CNEx15.1696X DNV: TAE00000Y3 ⊗ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db | IP66 | 镀镍黄铜和 不锈钢 |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | |
|------|-------------|---------|--------------|------------|------------|
| | | | 最小长度 (mm) | 最小 (mm) | 最大 (mm) |
| | EXN04MMAC2F | M20x1.5 | 16.0 | 5.0 x 10.0 | 5.7 x 12.2 |
| | EXN04MMBC2F | M20x1.5 | 16.0 | 5.75 x 8.5 | 6.0 x 10.0 |
| | EXN04MMCC2F | M20x1.5 | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN04MMDC2F | M20x1.5 | 16.0 | 5.3 x 11.3 | 6.5 x 14.5 |
| | EXN04MMEC2F | M20x1.5 | 16.0 | 5.3 x 11.3 | 6.3 x 10.8 |
| | EXN04MMFC2F | M20x1.5 | 16.0 | 5.3 x 11.3 | 6.7 x 12.7 |
| | EXN05MMAC2F | M25x1.5 | 16.0 | 5.0 x 10.4 | 5.5 x 14.0 |
| | EXN05MMBC2F | M25x1.5 | 16.0 | 5.7 x 8.5 | 6.0 x 10.0 |
| | EXN05MMCC2F | M25x1.5 | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN05MMDC2F | M25x1.5 | 16.0 | 5.5 x 12.0 | 6.5 x 14.5 |
| | EXN05MMEC2F | M25x1.5 | 16.0 | 7.0 x 10.0 | 9.1 x 12.3 |
| | EXN05MMFC2F | M25x1.5 | 16.0 | 5.6 x 10.0 | 9.0 x 14.0 |
| | EXN05MMGC2F | M25x1.5 | 16.0 | 6.5 x 14.8 | 6.8 x 15.3 |
| | EXN05MMHC2F | M25x1.5 | 16.0 | 5.2 x 10.0 | 7.0 x 12.0 |



Ex d e 扁平电缆格兰, 危险区专用

C2F 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | |
|-------|-------------|-------|--------------|------------|------------|
| | | | 最小长度 (mm) | 最小 (mm) | 最大 (mm) |
| | EXN04AMAC2F | 1/2" | 16.0 | 5.0 x 10.0 | 5.7 x 12.2 |
| | EXN04AMBC2F | 1/2" | 16.0 | 5.75 x 8.5 | 6.0 x 10.0 |
| | EXN04AMCC2F | 1/2" | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN04AMDC2F | 1/2" | 16.0 | 5.3 x 11.3 | 6.5 x 14.5 |
| | EXN04AMEC2F | 1/2" | 16.0 | 5.3 x 11.3 | 6.3 x 10.8 |
| | EXN04AMFC2F | 1/2" | 16.0 | 5.3 x 11.3 | 6.7 x 12.7 |
| | EXN05AMAC2F | 3/4" | 16.0 | 5.0 x 10.4 | 5.5 x 14.0 |
| | EXN05AMBC2F | 3/4" | 16.0 | 5.7 x 8.5 | 6.0 x 10.0 |
| | EXN05AMCC2F | 3/4" | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN05AMDC2F | 3/4" | 16.0 | 5.5 x 12.0 | 6.5 x 14.5 |
| | EXN05AMEC2F | 3/4" | 16.0 | 7.0 x 10.0 | 9.1 x 12.3 |
| | EXN05AMFC2F | 3/4" | 16.0 | 5.6 x 10.0 | 9.0 x 14.0 |
| | EXN05AMGC2F | 3/4" | 16.0 | 6.5 x 14.8 | 6.8 x 15.3 |
| | EXN05AMHC2F | 3/4" | 16.0 | 5.2 x 10.0 | 7.0 x 12.0 |



Ex d e Non-armored 电缆格兰, 危险区专用 C3 系列



特性和优点:

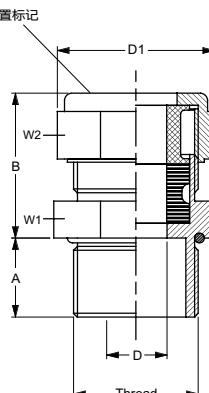
- 防火型 Ex d 和增安型 Ex e
- 适用于 1、2、21 和 22 区
- 用于非铠装圆形电缆
- 防水

C3 系列 - Ex d e 单压接电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 | |
|---|---|-------|---------|
| | | IP 等级 | 材料 |
| | EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444 ATEX: CESI13ATEX041X IECEx: IECEx CES 13.0014X InMetro: UL-BR 15.0684X EACEx: RU C-GB.AA87.B.00198 CNEx: CNEx15.1692X DNV: TAE00000Y3 | IP66 | 镀镍黄铜 |
| | IP68 (5 巴下 30 分钟) | | 316 不锈钢 |
| ◎ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db | | | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | | 标称尺寸 (mm/in) | |
|------|-----------|---------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| 位置标记 | EXN03MSC3 | M16x1.5 | 3.0 0.118 | 8.5 0.335 | 16.0 0.63 | 25.0 0.984 | 29.0 1.142 |
| | EXN03MMC3 | M16x1.5 | 6.0 0.236 | 12.0 0.472 | 16.0 0.63 | 28.5 1.122 | 31.5 1.24 |
| | EXN04MSC3 | M20x1.5 | 6.0 0.236 | 12.0 0.472 | 16.0 0.63 | 27.5 1.083 | 31.5 1.24 |
| | EXN04MMC3 | M20x1.5 | 12.0 0.472 | 14.5 0.571 | 16.0 0.63 | 29.0 1.142 | 33.5 1.319 |
| | EXN05MSC3 | M25x1.5 | 6.0 0.236 | 12.0 0.472 | 18.0 0.709 | 28.5 1.122 | 31.5 1.24 |
| | EXN05MMC3 | M25x1.5 | 12.0 0.472 | 16.0 0.63 | 18.0 0.709 | 28.5 1.122 | 37.0 1.457 |
| | EXN05MLC3 | M25x1.5 | 12.0 0.472 | 20.0 0.787 | 18.0 0.709 | 32.5 1.28 | 44.5 1.752 |
| | EXN06MSC3 | M32x1.5 | 12.0 0.472 | 20.0 0.787 | 18.0 0.709 | 33.5 1.319 | 44.5 1.752 |
| | EXN06MMC3 | M32x1.5 | 15.0 0.591 | 26.0 1.024 | 18.0 0.709 | 41.0 1.614 | 57.0 2.244 |
| | EXN07MSC3 | M40x1.5 | 15.0 0.591 | 26.0 1.024 | 18.0 0.709 | 41.0 1.614 | 57.0 2.244 |
| | | | | | | | 48.0 1.89 |
| | | | | | | | 52.0 2.047 |
| | | | | | | | 48.0 1.89 |
| | | | | | | | 52.0 2.047 |



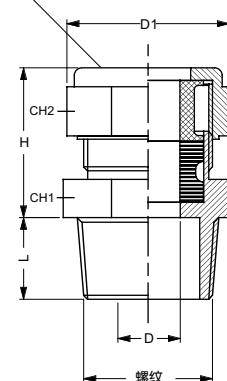
Ex d e Non-armored 电缆格兰, 危险区专用

C3 系列

一
尺寸



一
尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | 标称尺寸 (mm/in) | |
|-------|-----------|--------|---------------|---------------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| 位置标记 | EXN03ASC3 | 3/8" | 3.0 | 8.5 | 16.0 | 25.0 | 29.0 |
| | | | 0.118 | 0.335 | 0.63 | 0.984 | 1.142 |
| CH2 | EXN03AMC3 | 3/8" | 6.0 | 12.0 | 16.0 | 28.5 | 31.5 |
| | | | 0.236 | 0.472 | 0.63 | 1.122 | 1.24 |
| H | EXN04ASC3 | 1/2" | 6.0 | 12.0 | 16.0 | 27.5 | 31.5 |
| | | | 0.236 | 0.472 | 0.63 | 1.083 | 1.24 |
| CH1 | EXN04AMC3 | 1/2" | 12.0 | 14.5 | 16.0 | 29.0 | 33.5 |
| | | | 0.472 | 0.571 | 0.63 | 1.142 | 1.319 |
| D | EXN05ASC3 | 3/4" | 6.0 | 12.0 | 18.0 | 28.5 | 31.5 |
| | | | 0.236 | 0.472 | 0.709 | 1.122 | 1.24 |
| 螺纹 | EXN05AMC3 | 3/4" | 12.0 | 16.0 | 18.0 | 28.5 | 37.0 |
| | | | 0.472 | 0.63 | 0.709 | 1.122 | 1.457 |
| D | EXN05ALC3 | 3/4" | 12.0 | 20.0 | 18.0 | 32.5 | 44.5 |
| | | | 0.472 | 0.787 | 0.709 | 1.28 | 1.752 |
| I | EXN06ASC3 | 1" | 12.0 | 20.0 | 18.0 | 33.5 | 44.5 |
| | | | 0.472 | 0.787 | 0.709 | 1.319 | 1.752 |
| J | EXN06AMC3 | 1" | 15.0 | 26.0 | 18.0 | 41.0 | 57.0 |
| | | | 0.591 | 1.024 | 0.709 | 1.614 | 2.244 |
| K | EXN07ASC3 | 1 1/4" | 15.0 | 26.0 | 28.0 | 41.0 | 57.0 |
| | | | 0.591 | 1.024 | 1.102 | 1.614 | 2.244 |

Ex d e 非铠装电缆格兰, 危险区专用

C3 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | | 标称尺寸 (mm/in) | |
|-----------|-----------|---------|-----------------|-----------------|-------|-------|--------------|-------|
| | | | 内部最小 (mm/in) | 外部最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
| EXN07AMC3 | EXN07AMC3 | 1 1/4" | 20.0 | 32.0 | 18.0 | 50.0 | 66.0 | 55.0 |
| | | | 0.787 | 1.26 | 0.709 | 1.969 | 2.598 | 2.165 |
| EXN08ASC3 | EXN08ASC3 | 1 1/2" | 22.0 | 35.0 | 18.0 | 50.5 | 77.0 | 60.0 |
| | | | 0.866 | 1.378 | 0.709 | 1.988 | 3.031 | 2.362 |
| EXN08AMC3 | EXN08AMC3 | 1 1/2" | 27.0 | 41.0 | 18.0 | 54.0 | 77.0 | 70.0 |
| | | | 1.063 | 1.614 | 0.709 | 2.126 | 3.031 | 2.756 |
| EXN09ASC3 | EXN09ASC3 | 2" | 35.0 | 45.0 | 20.0 | 61.5 | 89.5 | 75.0 |
| | | | 1.378 | 1.772 | 0.787 | 2.421 | 3.524 | 2.953 |
| EXN09AMC3 | EXN09AMC3 | 2" | 40.0 | 52.0 | 20.0 | 61.5 | 94.0 | 85.0 |
| | | | 1.575 | 2.047 | 0.787 | 2.421 | 3.701 | 3.346 |
| EXN10ASC3 | EXN10ASC3 | 2 1/2" | 40.0 | 52.0 | 20.0 | 61.5 | 94.0 | 85.0 |
| | | | 1.575 | 2.047 | 0.787 | 2.421 | 3.701 | 3.346 |
| EXN10AMC3 | EXN10AMC3 | 2 1/2" | 45.0 | 60.0 | 20.0 | 72.0 | 105.0 | 90.0 |
| | | | 1.772 | 2.362 | 0.787 | 2.835 | 4.134 | 3.543 |
| EXN11ASC3 | EXN11ASC3 | M90x1.5 | 45.0 | 60.0 | 20.0 | 72.0 | 105.0 | 95.0 |
| | | | 1.772 | 2.362 | 0.787 | 2.835 | 4.134 | 3.74 |
| EXN11AMC3 | EXN11AMC3 | M90x1.5 | 60.0 | 72.0 | 20.0 | 84.0 | 127.0 | 110.0 |
| | | | 2.362 | 2.835 | 0.787 | 3.307 | 5.000 | 4.331 |
| | | | | | | | | 4.528 |



Ex d e EMC 电缆格兰, 危险区专用 C6 系列



特性和优点:

- 防火型 Ex d 和增安型 Ex e
 - 适用于 1、2、21 和 22 区
 - 用于圆形屏蔽电缆
 - EMC 触点，保持屏蔽连续性
 - 适用电缆范围广
 - 防水

C6 系列 - Ex d e 单压接电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|---|--|---------------------------------------|
|     | EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444 ATEX: IMQ14ATEX013XIECEx CES IECEx: IECEx IMQ 14.0005X InMetro: UL-BR 15.0685X EACEx: RU C-GB.AA87.B.00198 CNEx: CNEx15.1696X DNV: TAE0000Y3 | 工作范围: -60°C 到 +100°C (-76°C 到 +212°C) |
| | IP 等级 | 材料 |
| | IP66 | 镀锌黄铜 |
| | | 316 不锈钢 |

一
尺寸

Ex d e EMC 电缆格兰, 危险区专用

C6 系列

—
尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | 标称尺寸 (mm/in) | | | |
|-----------|-----------|--------|---------------|---------------|-------|--------------|-------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | | |
| EXN03ASC6 | EXN03ASC6 | 3/8" | 4.0 | 8.0 | 16.0 | 28.5 | 22.0 | 20.0 | 20.0 |
| | | | 0.157 | 0.315 | 0.63 | 1.122 | 0.866 | 0.787 | 0.787 |
| EXN03AMC6 | EXN03AMC6 | 3/8" | 4.0 | 8.0 | 18.0 | 28.5 | 24.5 | 22.0 | 22.0 |
| | | | 0.157 | 0.315 | 0.709 | 1.122 | 0.965 | 0.866 | 0.866 |
| EXN04AMC6 | EXN04AMC6 | 1/2" | 4.0 | 12.0 | 18.0 | 27.0 | 24.5 | 22.0 | 22.0 |
| | | | 0.157 | 0.472 | 0.709 | 1.063 | 0.965 | 0.866 | 0.866 |
| EXN05AMC6 | EXN05AMC6 | 3/4" | 10.0 | 18.0 | 20.0 | 30.5 | 31.0 | 28.0 | 28.0 |
| | | | 0.394 | 0.709 | 0.787 | 1.201 | 1.22 | 1.102 | 1.102 |
| EXN06AMC6 | EXN06AMC6 | 3/4" | 14.0 | 24.0 | 20.0 | 33.0 | 39.0 | 35.0 | 35.0 |
| | | | 0.551 | 0.945 | 0.787 | 1.299 | 1.535 | 1.378 | 1.378 |
| EXN07AMC6 | EXN07AMC6 | 1" | 22.0 | 32.0 | 20.0 | 40.5 | 49.5 | 45.0 | 45.0 |
| | | | 0.866 | 1.26 | 0.787 | 1.594 | 1.949 | 1.772 | 1.772 |
| EXN08AMC6 | EXN08AMC6 | 1 1/4" | 26.0 | 35.0 | 20.0 | 43.5 | 61.0 | 55.0 | 50.0 |
| | | | 1.024 | 1.378 | 0.787 | 1.713 | 2.402 | 2.165 | 1.969 |
| EXN09AMC6 | EXN09AMC6 | 1 1/2" | 35.0 | 45.0 | 20.0 | 43.5 | 70.0 | 68.0 | 64.0 |
| | | | 1.378 | 1.772 | 0.787 | 1.713 | 2.756 | 2.677 | 2.52 |

Ex d e 扁平 EMC 电缆格兰, 危险区专用

C6F 系列



C6F 系列 - Ex e 扁平电缆格兰

特性和优点:

- 防火型 Ex d 和增安型 Ex e
- 适用于 1、2、21 和 22 区
- 用于扁平伴热电缆
- EMC 触点, 保持屏蔽连续性

批准及认证



合规性 符合:

EN/IECEx: 60079-0, 60079-1,
60079-7, 60079-34, 62444
ATEX: IMQ14ATEX013X
IECEx: IECEX IMQ 14.0005X
InMetro: UL-BR 15.0685X
EACEx: RU C-GB.AA87.B.00198
CNEx: CNEx15.1696X
DNV: TAE00000Y3
@ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db

温度范围
-60°C 到 +140°C (-76°F 到 +284°F)

IP 等级

IP66

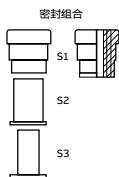
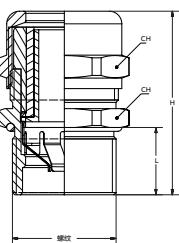
材料

镀镍黄铜和

不锈钢

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | |
|------|-------------|---------|--------------|------------|------------|
| | | | 最小长度 (mm) | 最小 (mm) | 最大 (mm) |
| | EXN04MMAC6F | M20x1.5 | 16.0 | 5.0 x 10.0 | 5.7 x 12.2 |
| | EXN04MMBC6F | M20x1.5 | 16.0 | 5.75 x 8.5 | 6.0 x 10.0 |
| | EXN04MMCC6F | M20x1.5 | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN04MMDC6F | M20x1.5 | 16.0 | 5.3 x 11.3 | 6.5 x 14.5 |
| | EXN04MMEC6F | M20x1.5 | 16.0 | 5.3 x 11.3 | 6.3 x 10.8 |
| | EXN04MMFC6F | M20x1.5 | 16.0 | 5.3 x 11.3 | 6.7 x 12.7 |
| | EXN05MMAC6F | M25x1.5 | 16.0 | 5.0 x 10.4 | 5.5 x 14.0 |
| | EXN05MMBC6F | M25x1.5 | 16.0 | 5.7 x 8.5 | 6.0 x 10.0 |
| | EXN05MMCC6F | M25x1.5 | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN05MMDC6F | M25x1.5 | 16.0 | 5.5 x 12.0 | 6.5 x 14.5 |
| | EXN05MMEC6F | M25x1.5 | 16.0 | 7.0 x 10.0 | 9.1 x 12.3 |
| | EXN05MMFC6F | M25x1.5 | 16.0 | 5.6 x 10.0 | 9.0 x 14.0 |
| | EXN05MMGC6F | M25x1.5 | 16.0 | 6.5 x 14.8 | 6.8 x 15.3 |
| | EXN05MMHC6F | M25x1.5 | 16.0 | 5.2 x 10.0 | 7.0 x 12.0 |



Ex d e 扁平 EMC 电缆格兰, 危险区专用

C6F 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | |
|-------|-------------|-------|--------------|------------|------------|
| | | | 最小长度 (mm) | 最小 (mm) | 最大 (mm) |
| | EXN04AMAC6F | 1/2" | 16.0 | 5.0 x 10.0 | 5.7 x 12.2 |
| | EXN04AMBC6F | 1/2" | 16.0 | 5.75 x 8.5 | 6.0 x 10.0 |
| | EXN04AMCC6F | 1/2" | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN04AMDC6F | 1/2" | 16.0 | 5.3 x 11.3 | 6.5 x 14.5 |
| | EXN04AMEC6F | 1/2" | 16.0 | 5.3 x 11.3 | 6.3 x 10.8 |
| | EXN04AMFC6F | 1/2" | 16.0 | 5.3 x 11.3 | 6.7 x 12.7 |
| | EXN05AMAC6F | 3/4" | 16.0 | 5.0 x 10.4 | 5.5 x 14.0 |
| | EXN05AMBC6F | 3/4" | 16.0 | 5.7 x 8.5 | 6.0 x 10.0 |
| | EXN05AMCC6F | 3/4" | 16.0 | 5.3 x 11.3 | 5.5 x 11.7 |
| | EXN05AMDC6F | 3/4" | 16.0 | 5.5 x 12.0 | 6.5 x 14.5 |
| | EXN05AMEC6F | 3/4" | 16.0 | 7.0 x 10.0 | 9.1 x 12.3 |
| | EXN05AMFC6F | 3/4" | 16.0 | 5.6 x 10.0 | 9.0 x 14.0 |
| | EXN05AMGC6F | 3/4" | 16.0 | 6.5 x 14.8 | 6.8 x 15.3 |
| | EXN05AMHC6F | 3/4" | 16.0 | 5.2 x 10.0 | 7.0 x 12.0 |



非铠装 Ex d e 隔离式电缆格兰, 危险区专用

C4 系列



C4 系列 - Ex d 铠装电缆格兰

特性和优点:

- 防火型 Ex d 和增安型 Ex e
- 适用于 1、2、21 和 22 区
- 用于所有非铠装电缆
- 环氧化合物隔离层

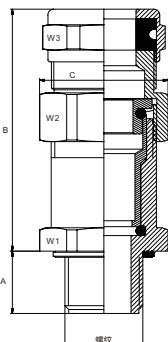
| 批准及认证 | 合规性 符合: |
|-------|---|
| | EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444 |
| | ATEX: CESI14ATEX032X IECEx: IECEx CES 14.0013X InMetro: UL-BR 15.0686X CNEx: CNEx15.1690X DNV: TAE00000Y3 TAE00000Y3 |
| | ◎ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db, |

| 温度范围 | |
|-------|--------------------------------------|
| | 工作范围: -60°C 到 +100°C (76°F 到 +212°F) |
| IP 等级 | 材料 |
| IP66 | 镀镍黄铜 316 不锈钢 |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | | | 标称尺寸 (mm/in) | | | |
|---------|----------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 | W3 |
| M20x1.5 | EXN04MC4 | M20x1.5 | 8.5 0.335 | 16.0 0.630 | 16.0 0.630 | 62.0 2.440 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 | 29.0 1.142 |
| | | | | | | | | | | |
| M25x1.5 | EXN05MC4 | M25x1.5 | 16.0 0.630 | 21.0 0.827 | 16.0 0.630 | 62.8 2.472 | 37.0 1.456 | 34.0 1.338 | 34.0 1.338 | 34.0 1.338 |
| | | | | | | | | | | |
| M32x1.5 | EXN06MC4 | M32x1.5 | 16.0 0.630 | 26.0 1.024 | 16.0 0.630 | 68.5 2.460 | 45.0 1.771 | 42.0 1.653 | 42.0 1.653 | 40.0 1.574 |
| | | | | | | | | | | |
| M40x1.5 | EXN07MC4 | M40x1.5 | 29.0 1.142 | 41.0 1.614 | 16.0 0.630 | 75.1 2.956 | 66.0 2.598 | 50.0 1.968 | 60.0 2.362 | 60.0 2.362 |
| | | | | | | | | | | |
| M50x1.5 | EXN08MC4 | M50x1.5 | 33.0 1.299 | 48.0 1.890 | 16.0 0.630 | 82.7 3.255 | 77.0 3.031 | 60.0 2.362 | 70.0 2.755 | 75.0 2.952 |
| | | | | | | | | | | |
| M63x1.5 | EXN09MC4 | M63x1.5 | 36.0 1.417 | 52.0 2.047 | 16.0 0.630 | 96.0 3.779 | 77.0 3.031 | 70.0 2.755 | 70.0 2.755 | 74.0 2.913 |
| | | | | | | | | | | |

EXN 表示镀镍



非铠装 Ex d e 隔离式电缆格兰, 危险区专用

C4 系列

—
尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | | | 标称尺寸 (mm/in) | | |
|----------|----------|--------|---------------|---------------|-------|-------|-------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 | W3 |
| EXN04AC4 | EXN04AC4 | 1/2" | 8.5 | 16.0 | 21.0 | 62.0 | 33.0 | 30.0 | 30.0 | 30.0 |
| | | | 0.335 | 0.630 | 0.826 | 2.440 | 1.299 | 1.181 | 1.181 | 1.181 |
| EXN05AC4 | EXN05AC4 | 3/4" | 16.0 | 21.0 | 21.0 | 62.8 | 37.0 | 34.0 | 34.0 | 34.0 |
| | | | 0.630 | 0.827 | 0.826 | 2.472 | 1.456 | 1.338 | 1.338 | 1.338 |
| EXN06AC4 | EXN06AC4 | 1" | 16.0 | 26.0 | 26.0 | 68.5 | 45.0 | 42.0 | 42.0 | 40.0 |
| | | | 0.630 | 1.024 | 1.023 | 2.460 | 1.771 | 1.653 | 1.653 | 1.574 |
| EXN07AC4 | EXN07AC4 | 1 1/4" | 29.0 | 41.0 | 28.0 | 75.1 | 66.0 | 50.0 | 60.0 | 60.0 |
| | | | 1.142 | 1.614 | 1.102 | 2.956 | 2.598 | 1.968 | 2.362 | 2.362 |
| EXN08AC4 | EXN08AC4 | 1 1/2" | 33.0 | 48.0 | 28.0 | 82.7 | 77.0 | 60.0 | 70.0 | 75.0 |
| | | | 1.299 | 1.890 | 1.102 | 3.255 | 3.031 | 2.362 | 2.755 | 2.952 |
| EXN09AC4 | EXN09AC4 | 2" | 36.0 | 52.0 | 28.0 | 96.0 | 77.0 | 70.0 | 70.0 | 74.0 |
| | | | 1.417 | 2.047 | 1.102 | 3.779 | 3.031 | 2.755 | 2.755 | 2.913 |

EXN 表示镀锌

Ex e 应变消除电缆格兰, 供一般区域和危险区使用

ISR 系列



特性和优点:

- 增安型 Ex e
- 适用于 1、2、20、21 和 22 区
- 用于非铠装电缆
- 机械锁紧, 确保电缆保持最大强度
- 锁紧范围广

ISR 系列 - 工业应变消除格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------------------------|--|-------------------------------------|
| | CSA C22.2/IEC/EN 60079-0, 60079-7, 60079-31, C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 94 号, UL2225, UL514B | 批准: -50°C 到 +110°C (-40°F 到 +230°F) |
| Metric is not UL listed | | |
| | CSA 认证: 70009467 文件 23086 ABS 认证: 16-HS1588269-PDA ATEX: SIRA 14ATEX3238X IECEx: CSA 14.0035X II 1D 2G, Ex e IIC Gb, Ex ta IIIC Da I 类 2 区 ABCD II 类 1 区 EFG III 类 1 区 | IP 等级 |
| | UL 文件: E311979, E328651, E13938, E307708 | 材料 |
| | I 类 / 1 区, AEx e IIC, 20 区, AEx ta | 类型 4X |
| | | 硅胶密封衬套 |
| | | 玻璃纤维尼龙和 TPE 套 |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | | |
|------|-----------|---------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 W2 |
| | ISRM20-13 | M20x1.5 | 8.25 0.325 | 13.34 0.525 | 16.00 0.630 | 41.91 1.650 | 34.29 1.350 | 31.75 1.250 |
| | ISRM20-15 | M20x1.5 | 10.79 0.425 | 15.00 0.591 | 16.00 0.630 | 42.75 1.683 | 38.10 1.500 | 34.93 1.375 |
| | ISRM25-15 | M25x1.5 | 10.79 0.157 | 15.75 0.620 | 18.00 0.709 | 42.75 1.683 | 41.28 1.625 | 38.10 1.500 |
| | ISRM25-20 | M25x1.5 | 14.86 0.585 | 20.07 0.790 | 18.00 0.709 | 45.47 1.790 | 43.18 1.700 | 40.49 1.594 |
| | ISRM32-26 | M32x1.5 | 19.94 0.785 | 26.04 1.025 | 18.00 0.709 | 46.18 1.818 | 48.26 1.900 | 44.45 1.750 |
| | ISRM40-31 | M40x1.5 | 25.02 0.985 | 30.86 1.215 | 18.00 0.709 | 50.62 1.993 | 58.93 2.320 | 55.63 2.190 |
| | ISRM40-35 | M40x1.5 | 30.10 1.185 | 34.80 1.370 | 18.00 0.709 | 48.72 1.918 | 58.93 2.320 | 55.63 2.190 |
| | ISRM50-39 | M50x1.5 | 33.91 1.335 | 39.37 1.550 | 18.00 0.709 | 49.40 1.945 | 65.53 2.580 | 60.33 2.375 |
| | ISRM63-45 | M63x1.5 | 38.73 1.525 | 45.34 1.785 | 20.00 0.787 | 51.23 2.017 | 81.28 3.200 | 72.85 3.000 |
| | ISRM63-52 | M63x1.5 | 44.58 1.755 | 52.20 2.055 | 20.00 0.787 | 51.05 2.010 | 81.28 3.200 | 76.20 3.000 |

Ex e 应变消除电缆格兰, 供一般区域和危险区使用

ISR 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | |
|---|------------|--------|---------------|---------------|-------|-------|--------------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 |
|  | ISRM50-53 | 1/2" | 8.26 | 13.34 | 15.75 | 41.91 | 34.29 | 31.75 |
| | | | 0.325 | 0.525 | 0.620 | 1.650 | 1.350 | 1.250 |
| | ISR050-062 | 1/2" | 10.80 | 15.75 | 15.75 | 42.75 | 38.10 | 34.93 |
| | | | 0.425 | 0.620 | 0.620 | 1.683 | 1.500 | 1.375 |
| | ISR075-062 | 3/4" | 10.80 | 15.75 | 16.00 | 42.75 | 41.28 | 38.10 |
| | | | 0.425 | 0.620 | 0.630 | 1.683 | 1.625 | 1.500 |
| | ISR075-082 | 3/4" | 14.86 | 20.70 | 16.00 | 45.47 | 43.18 | 40.49 |
| | | | 0.585 | 0.815 | 0.630 | 1.790 | 1.700 | 1.594 |
| | ISR100-102 | 1" | 19.94 | 26.04 | 19.94 | 46.18 | 48.26 | 44.70 |
| | | | 0.785 | 1.025 | 0.785 | 1.818 | 1.900 | 1.760 |
| | ISR125-122 | 1 1/4" | 25.02 | 30.86 | 20.57 | 50.62 | 58.93 | 55.63 |
| | | | 0.985 | 1.215 | 0.810 | 1.993 | 2.320 | 2.190 |
| | ISR125-137 | 1 1/4" | 30.10 | 34.80 | 20.57 | 48.72 | 58.93 | 55.63 |
| | | | 1.185 | 1.370 | 0.810 | 1.918 | 2.320 | 2.190 |
| | ISR150-156 | 1 1/2" | 33.91 | 39.37 | 20.96 | 49.40 | 65.53 | 60.33 |
| | | | 1.335 | 1.550 | 0.825 | 1.945 | 2.580 | 2.375 |
| | ISR200-179 | 2" | 38.74 | 45.34 | 21.84 | 51.23 | 76.50 | 72.85 |
| | | | 1.525 | 1.785 | 0.860 | 2.017 | 3.012 | 2.868 |
| | ISR200-206 | 2" | 44.58 | 52.20 | 21.84 | 51.05 | 81.28 | 76.20 |
| | | | 1.755 | 2.055 | 0.860 | 2.010 | 3.200 | 3.000 |

线槽 - 电缆接头

TCF 系列



特性和优点:

- 机械抗拉强度高
- 锁紧范围广
- 适用于非铠装电缆类型

TCF 系列 - 黄铜电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|--|---|--------------------------------------|
| | CSA C22.2 60079-0, C22.2 60079-7, C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 94 号, UL60079-0, UL60079-7, UL514B, UL50 | 正常使用: -40°C 到 +90°C (-76°F 到 +194°F) |
| | IP 等级 | 材料 |
| c-CSA-us 认证: 1388229 文件 4484 | IP66 | 无铜铝 (316 不锈钢可选) |
| Ex e II, IP66; 类型 4/4X, 6 I 类 / 1 区, AEx e II, IP66; 类型 4/4X, 6 | 类型 4/4X 类型 6 (仅软电缆) | 氯丁橡胶/山都平密封衬套、格兰和格 兰盖 尼龙网套 |

尺寸

| 公制螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | 标称尺寸 (mm/in) | |
|------|-------------|-------|----------------|----------------|----------------|----------------|----------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | TCF050-27AL | 1/2" | 3.81 0.150 | 6.86 0.270 | 15.75 0.620 | 48.08 1.893 | 31.84 1.253 |
| | TCF050-40AL | 1/2" | 6.35 0.250 | 10.16 0.400 | 15.75 0.620 | 59.18 2.330 | 31.84 1.253 |
| | TCF050-54AL | 1/2" | 10.16 0.400 | 13.72 0.540 | 15.75 0.620 | 59.18 2.330 | 31.84 1.253 |
| | TCF050-67AL | 1/2" | 13.72 0.540 | 17.02 0.670 | 15.75 0.620 | 62.43 2.458 | 41.60 1.638 |
| | TCF050-78AL | 1/2" | 16.76 0.660 | 19.81 0.780 | 15.75 0.620 | 62.43 2.458 | 41.60 1.638 |
| | TCF075-40AL | 3/4" | 6.35 0.250 | 10.16 0.400 | 16.00 0.630 | 59.18 2.330 | 31.84 1.253 |
| | TCF075-54AL | 3/4" | 10.16 0.400 | 13.72 0.540 | 16.00 0.630 | 59.18 2.330 | 31.84 1.253 |
| | TCF075-67AL | 3/4" | 13.72 0.540 | 17.02 0.670 | 16.00 0.630 | 62.43 2.458 | 41.60 1.638 |
| | TCF075-78AL | 3/4" | 16.76 0.660 | 19.81 0.780 | 16.00 0.630 | 62.43 2.458 | 41.60 1.638 |
| | TCF075-88AL | 3/4" | 19.56 0.770 | 22.35 0.880 | 15.75 0.620 | 68.71 2.705 | 52.84 2.080 |

线槽 - 电缆接头

TCF 系列

尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 | | | | 标称尺寸 (mm/in) | | |
|--------------|--------|--------|---------------|---------------|-------|--------|--------------|--------|--------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| TCF100-78AL | 1" | 1" | 16.76 | 19.81 | 19.94 | 69.98 | 52.84 | 44.45 | 49.20 |
| | | | 0.660 | 0.780 | 0.785 | 2.755 | 2.080 | 1.750 | 1.937 |
| TCF100-88AL | 1" | 1" | 19.56 | 22.35 | 19.94 | 69.98 | 52.84 | 44.45 | 49.20 |
| | | | 0.770 | 0.880 | 0.785 | 2.755 | 2.080 | 1.750 | 1.937 |
| TCF100-100AL | 1" | 1" | 22.10 | 25.40 | 19.94 | 69.98 | 52.84 | 44.45 | 49.20 |
| | | | 0.870 | 1.000 | 0.785 | 2.755 | 2.080 | 1.750 | 1.937 |
| TCF100-109AL | 1" | 1" | 23.88 | 27.69 | 19.94 | 69.72 | 52.84 | 44.45 | 49.20 |
| | | | 0.940 | 1.090 | 0.785 | 2.745 | 2.080 | 1.750 | 1.937 |
| TCF125-109AL | 1 1/4" | 1 1/4" | 22.61 | 27.69 | 20.57 | 98.15 | 68.12 | 61.72 | 63.42 |
| | | | 0.890 | 1.090 | 0.810 | 3.864 | 2.682 | 2.430 | 2.497 |
| TCF125-128AL | 1 1/4" | 1 1/4" | 27.43 | 32.51 | 20.57 | 98.15 | 68.12 | 61.72 | 63.42 |
| | | | 1.080 | 1.280 | 0.810 | 3.864 | 2.682 | 2.430 | 2.497 |
| TCF125-147AL | 1 1/4" | 1 1/4" | 32.26 | 37.34 | 20.57 | 98.15 | 68.12 | 61.72 | 63.42 |
| | | | 1.270 | 1.470 | 0.810 | 3.864 | 2.682 | 2.430 | 2.497 |
| TCF150-115AL | 1 1/2" | 1 1/2" | 22.61 | 29.21 | 20.96 | 96.42 | 78.62 | 66.47 | 73.20 |
| | | | 0.890 | 1.150 | 0.825 | 3.796 | 3.095 | 2.617 | 2.882 |
| TCF150-140AL | 1 1/2" | 1 1/2" | 28.96 | 35.56 | 20.96 | 96.42 | 78.62 | 66.47 | 73.20 |
| | | | 1.140 | 1.400 | 0.825 | 3.796 | 3.095 | 2.617 | 2.882 |
| TCF150-165AL | 1 1/2" | 1 1/2" | 35.31 | 41.91 | 20.96 | 96.42 | 78.62 | 66.47 | 73.20 |
| | | | 1.390 | 1.650 | 0.825 | 3.796 | 3.095 | 2.617 | 2.882 |
| TCF200-153AL | 2" | 2" | 30.23 | 38.86 | 21.84 | 106.88 | 92.59 | 82.42 | 86.21 |
| | | | 1.190 | 1.530 | 0.860 | 4.208 | 3.645 | 3.245 | 3.394 |
| TCF200-186AL | 2" | 2" | 38.61 | 47.24 | 21.84 | 106.88 | 92.59 | 82.42 | 86.21 |
| | | | 1.520 | 1.860 | 0.860 | 4.208 | 3.645 | 3.245 | 3.394 |
| TCF200-219AL | 2" | 2" | 46.99 | 55.63 | 21.84 | 106.88 | 92.59 | 82.42 | 86.21 |
| | | | 1.850 | 2.190 | 0.860 | 4.208 | 3.645 | 3.245 | 3.394 |
| TCF250-252AL | 2 1/2" | 2 1/2" | 53.85 | 64.01 | 32.51 | 141.73 | 113.67 | 99.77 | 105.31 |
| | | | 2.120 | 2.520 | 1.280 | 5.580 | 4.475 | 3.928 | 4.146 |
| TCF300-278AL | 3" | 3" | 60.45 | 70.61 | 33.76 | 142.27 | 122.81 | 111.20 | 114.10 |
| | | | 2.380 | 2.780 | 1.329 | 5.601 | 4.835 | 4.378 | 4.492 |
| TCF300-304AL | 3" | 3" | 67.06 | 77.22 | 34.04 | 146.30 | 130.58 | 119.46 | 121.69 |
| | | | 2.640 | 3.040 | 1.340 | 5.760 | 5.141 | 4.703 | 4.791 |
| TCF300-330AL | 3" | 3" | 73.66 | 83.82 | 34.04 | 147.83 | 137.67 | 118.11 | 128.17 |
| | | | 2.900 | 3.300 | 1.340 | 5.820 | 5.420 | 4.650 | 5.046 |

Ex d e Armored 电缆格兰, 危险区专用

C1 系列



C1 系列 - Ex d e single compression cable glands

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------|--|--|
| | EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444 UL514B, UL2225 ATEX: CESI13ATEX041X IECEx: IECEx CES 13.0014X InMetro: UL-BR 15.0684X EACEx: RU C-GB.AA87.B.00198 CNEx: CNEx15.1692X DNV: TAE00000Y3 UL: E477121 © II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db 1类 1区 AEx e IIC | 工作范围: -40°C 到 +100°C (-40°F 到 +212°F) IP 等级 IP66 IP68 (5巴下30分钟) |
| | | 材料 |
| | | 镀镍黄铜和316不锈钢 |

一
尺寸

Ex d e 键装电缆格兰, 危险区专用

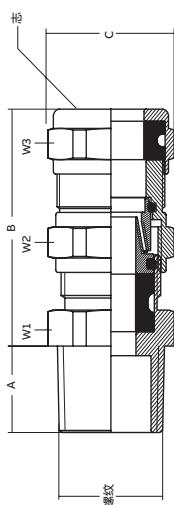
C1 系列

尺寸



| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | | | 标称尺寸 (mm/in) | | |
|-----------|----------|---------------|-----------------|-----------------|-------|-------|--------------|-------|-------|
| | | | 内部最小 (mm/in) | 外部最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| EXN06MMC1 | M32x1.5 | 15.0 - 26.0 | 20.0 - 33.0 | 18.0 | 78.5 | 57.0 | 48.0 | 52.0 | 52.0 |
| | | 0.591 - 1.024 | 0.787 - 1.299 | 0.709 | 3.091 | 2.244 | 1.89 | 2.047 | 2.047 |
| EXN07MSC1 | M40x1.5 | 15.0 - 26.0 | 20.0 - 33.0 | 18.0 | 78.5 | 57.0 | 48.0 | 52.0 | 52.0 |
| | | 0.591 - 1.024 | 0.787 - 1.299 | 0.709 | 3.091 | 2.244 | 1.89 | 2.047 | 2.047 |
| EXN07MMC1 | M40x1.5 | 20.0 - 32.0 | 29.0 - 41.0 | 18.0 | 89.5 | 66.0 | 55.0 | 60.0 | 60.0 |
| | | 0.787 - 1.260 | 1.142 - 1.614 | 0.709 | 3.524 | 2.598 | 2.165 | 2.362 | 2.362 |
| EXN08MSC1 | M50x1.5 | 22.0 - 35.0 | 33.0 - 48.0 | 18.0 | 96.5 | 82.0 | 60.0 | 70.0 | 75.0 |
| | | 0.866 - 1.378 | 1.299 - 1.890 | 0.709 | 3.799 | 3.228 | 2.362 | 2.756 | 2.953 |
| EXN08MMC1 | M50x1.5 | 27.0 - 41.0 | 36.0 - 52.0 | 18.0 | 100.0 | 83.0 | 70.0 | 70.0 | 74.0 |
| | | 1.063 - 1.614 | 1.417 - 2.047 | 0.709 | 3.937 | 3.268 | 2.756 | 2.756 | 2.913 |
| EXN09MSC1 | M63x1.5 | 35.0 - 45.0 | 43.0 - 57.0 | 20.0 | 106.0 | 89.5 | 75.0 | 80.0 | 80.0 |
| | | 1.378 - 1.772 | 1.693 - 2.244 | 0.787 | 4.173 | 3.524 | 2.953 | 3.15 | 3.15 |
| EXN09MMC1 | M63x1.5 | 40.0 - 52.0 | 47.0 - 60.0 | 20.0 | 108.0 | 94.0 | 85.0 | 85.0 | 85.0 |
| | | 1.575 - 2.047 | 1.850 - 2.362 | 0.787 | 4.252 | 3.701 | 3.346 | 3.346 | 3.346 |
| EXN10MSC1 | M75x1.5 | 40.0 - 52.0 | 47.0 - 60.0 | 20.0 | 107.0 | 94.0 | 85.0 | 85.0 | 85.0 |
| | | 1.575 - 2.047 | 1.850 - 2.362 | 0.787 | 4.252 | 3.701 | 3.346 | 3.346 | 3.346 |
| EXN10MMC1 | M75x1.5 | 45.0 - 60.0 | 54.0 - 70.0 | 20.0 | 125.0 | 110.5 | 90.0 | 95.0 | 100.0 |
| | | 1.772 - 2.362 | 2.126 - 2.756 | 0.787 | 4.921 | 4.35 | 3.543 | 3.74 | 3.937 |
| EXN11MSC1 | M90x1.5 | 45.0 - 60.0 | 54.0 - 70.0 | 20.0 | 124.0 | 110.5 | 95.0 | 95.0 | 100.0 |
| | | 1.772 - 2.362 | 2.126 - 2.756 | 0.787 | 4.882 | 4.35 | 3.74 | 3.74 | 3.937 |
| EXN11MMC1 | M90x1.5 | 60.0 - 72.0 | 63.0 - 80.0 | 20.0 | 154.0 | 127.0 | 110.0 | 115.0 | 115.0 |
| | | 2.362 - 2.835 | 2.480 - 3.150 | 0.787 | 6.063 | 5.000 | 4.331 | 4.528 | 4.528 |
| EXN12MSC1 | M110x2.0 | 45.0 - 60.0 | 54.0 - 70.0 | 20.0 | 124.0 | 110.5 | 120.0 | 95.0 | 100.0 |
| | | 1.772 - 2.362 | 2.126 - 2.756 | 0.787 | 4.882 | 4.35 | 4.724 | 3.74 | 3.937 |
| EXN12MMC1 | M110x2.0 | 60.0 - 72.0 | 63.0 - 80.0 | 20.0 | 154.0 | 127.0 | 120.0 | 115.0 | 115.0 |
| | | 2.362 - 2.835 | 2.480 - 3.150 | 0.787 | 6.063 | 5.000 | 4.724 | 4.528 | 4.528 |

尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | | 标称尺寸 (mm/in) | | |
|-----------|------|---------------|-----------------|-----------------|-------|-------|--------------|-------|-------|
| | | | 内部最小 (mm/in) | 外部最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 |
| EXN03ASC1 | 3/8" | 3.0 - 8.5 | 6.0 - 12.0 | 16.0 | 47.5 | 29.0 | 22.0 | 26.0 | 26.0 |
| | | 0.118 - 0.335 | 0.236 - 0.472 | 0.63 | 1.87 | 1.142 | 0.866 | 1.024 | 1.024 |
| EXN03AMC1 | 3/8" | 6.0 - 12.0 | 8.5 - 16.0 | 16.0 | 50.0 | 31.5 | 25.0 | 29.0 | 29.0 |
| | | 0.236 - 0.472 | 0.335 - 0.630 | 0.63 | 1.969 | 1.24 | 0.984 | 1.142 | 1.142 |
| EXN04ASC1 | 1/2" | 3.0 - 8.5 | 6.0 - 12.0 | 16.0 | 47.5 | 29.0 | 24.0 | 26.0 | 26.0 |
| | | 0.118 - 0.335 | 0.236 - 0.472 | 0.63 | 1.87 | 1.142 | 0.945 | 1.024 | 1.024 |
| EXN04AMC1 | 1/2" | 6.0 - 12.0 | 8.5 - 16.0 | 16.0 | 49.0 | 31.5 | 25.0 | 29.0 | 29.0 |
| | | 0.236 - 0.472 | 0.335 - 0.630 | 0.63 | 1.929 | 1.24 | 0.984 | 1.142 | 1.142 |
| EXN04ALC1 | 1/2" | 12.0 - 14.5 | 16.0 - 20.0 | 16.0 | 52.0 | 35.0 | 28.0 | 30.0 | 32.0 |
| | | 0.472 - 0.571 | 0.630 - 0.787 | 0.63 | 2.047 | 1.378 | 1.102 | 1.181 | 1.26 |
| EXN05ASC1 | 3/4" | 6.0 - 12.0 | 8.5 - 16.0 | 18.0 | 50.5 | 31.5 | 29.0 | 29.0 | 29.0 |
| | | 0.236 - 0.472 | 0.335 - 0.630 | 0.709 | 1.988 | 1.24 | 1.142 | 1.142 | 1.142 |
| EXN05AMC1 | 3/4" | 12.0 - 16.0 | 16.0 - 21.0 | 18.0 | 54.5 | 37.0 | 32.0 | 34.0 | 34 |
| | | 0.472 - 0.630 | 0.630 - 0.827 | 0.709 | 2.146 | 1.457 | 1.26 | 1.339 | 1.339 |
| EXN05ALC1 | 3/4" | 12.0 - 20.0 | 16.0 - 26.0 | 18.0 | 60.5 | 44.0 | 36.0 | 40.0 | 40.0 |
| | | 0.472 - 0.787 | 0.630 - 1.024 | 0.709 | 2.382 | 1.732 | 1.417 | 1.575 | 1.575 |
| EXN06ASC1 | 1" | 12.0 - 20.0 | 16.0 - 26.0 | 18.0 | 62.0 | 44.0 | 40.0 | 40.0 | 40.0 |
| | | 0.472 - 0.787 | 0.630 - 1.024 | 0.709 | 2.441 | 1.732 | 1.575 | 1.575 | 1.575 |

Ex d e 铠装电缆格兰, 危险区专用

C1 系列

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 电缆范围 Ø | | | | | 标称尺寸 (mm/in) | | |
|---|-----------|--------|-----------------|-----------------|-------|-------|-------|--------------|-------|-------|
| | | | 内部最小 (mm/in) | 外部最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 | W3 |
|  | EXN06AMC1 | 1" | 20.0 - 32.0 | 29.0 - 41.0 | 18.0 | 89.5 | 66.0 | 55.0 | 60.0 | 60.0 |
| | | | 0.787 - 1.260 | 1.142 - 1.614 | 0.709 | 3.524 | 2.598 | 2.165 | 2.362 | 2.362 |
| | EXN07ASC1 | 1 1/4" | 22.0 - 35.0 | 33.0 - 48.0 | 21.0 | 96.5 | 82.0 | 60.0 | 70.0 | 75.0 |
| | | | 0.866 - 1.378 | 1.299 - 1.890 | 0.827 | 3.799 | 3.228 | 2.362 | 2.756 | 2.953 |
| | EXN07AMC1 | 1 1/4" | 27.0 - 41.0 | 36.0 - 52.0 | 21.0 | 100.0 | 83.0 | 70.0 | 70.0 | 74.0 |
| | | | 1.063 - 1.614 | 1.417 - 2.047 | 0.827 | 3.937 | 3.268 | 2.756 | 2.756 | 2.913 |
| | EXN08ASC1 | 1 1/2" | 35.0 - 45.0 | 43.0 - 57.0 | 21.0 | 106.0 | 89.5 | 75.0 | 80.0 | 80.0 |
| | | | 1.378 - 1.772 | 1.693 - 2.244 | 0.827 | 4.173 | 3.524 | 2.953 | 3.15 | 3.15 |
| | EXN08AMC1 | 1 1/2" | 40.0 - 52.0 | 47.0 - 60.0 | 21.0 | 108.0 | 94.0 | 85.0 | 85.0 | 85.0 |
| | | | 1.575 - 2.047 | 1.850 - 2.362 | 0.827 | 4.252 | 3.701 | 3.346 | 3.346 | 3.346 |
| | EXN09ASC1 | 2" | 40.0 - 52.0 | 47.0 - 60.0 | 21.0 | 108.0 | 94.0 | 85.0 | 85.0 | 85.0 |
| | | | 1.575 - 2.047 | 1.850 - 2.362 | 0.827 | 4.252 | 3.701 | 3.346 | 3.346 | 3.346 |
| | EXN09AMC1 | 2" | 45.0 - 60.0 | 54.0 - 70.0 | 21.0 | 125.0 | 110.5 | 90.0 | 95.0 | 100.0 |
| | | | 1.772 - 2.362 | 2.126 - 2.756 | 0.827 | 4.921 | 4.35 | 3.543 | 3.74 | 3.937 |
| | EXN10ASC1 | 2 1/2" | 45.0 - 60.0 | 54.0 - 70.0 | 21.0 | 124.0 | 110.5 | 95.0 | 95.0 | 100.0 |
| | | | 1.772 - 2.362 | 2.126 - 2.756 | 0.827 | 4.882 | 4.35 | 3.74 | 3.74 | 3.937 |
| | EXN10AMC1 | 2 1/2" | 60.0 - 72.0 | 63.0 - 80.0 | 21.0 | 154.0 | 127.0 | 110.0 | 115.0 | 115.0 |
| | | | 2.362 - 2.835 | 2.480 - 3.150 | 0.827 | 6.063 | 5.000 | 4.331 | 4.528 | 4.528 |
| | EXN11ASC1 | 3" | 45.0 - 60.0 | 54.0 - 70.0 | 21.0 | 124.0 | 110.5 | 120.0 | 95.0 | 100.0 |
| | | | 1.772 - 2.362 | 2.126 - 2.756 | 0.827 | 4.882 | 4.350 | 4.724 | 3.74 | 3.937 |
| | EXN11AMC1 | 3" | 60.0 - 72.0 | 63.0 - 80.0 | 21.0 | 154.0 | 127.0 | 120.0 | 115.0 | 115.0 |
| | | | 2.362 - 2.835 | 2.480 - 3.150 | 0.8 | 6.1 | 5.0 | 4.7 | 4.5 | 4.528 |
| | EXN12ASC1 | 3 1/2" | 45.0 - 60.0 | 54.0 - 70.0 | 21.0 | 124.0 | 110.5 | 120.0 | 95 | 100.0 |
| | | | 1.772 - 2.362 | 2.126 - 2.756 | 0.787 | 4.882 | 4.35 | 4.724 | 3.74 | 3.937 |
| | EXN12AMC1 | 3 1/2" | 60.0 - 72.0 | 63.0 - 80.0 | 21.0 | 154.0 | 127.0 | 120.0 | 115.0 | 115.0 |
| | | | 2.362 - 2.835 | 2.480 - 3.150 | 0.787 | 6.063 | 5 | 4.724 | 4.528 | 4.528 |

Ex d e 锁装隔离式电缆格兰, 危险区专用 C5 系列



C5 系列 - Ex d 锁装电缆格兰

| 批准及认证 | 合规性符合: | 温度范围 | |
|-------|--------|---------------------------------------|-------|
| | | 工作范围: -60°C 到 +100°C (76°F 到 +212°F) | |
| Ex | IEC | IECEx | UL us |
| EAC | N | CNEX | DNV |
| | | ATEX: CESI14ATEX032X | |
| | | IECEx: IECEx CES 14.0013X | |
| | | InMetro: UL-BR 15.0686X | |
| | | CNEx: CNEx15.1690X | |
| | | DNV: TAE00000Y3 | |
| | | II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db | |

尺寸

| 公制螺纹 | 部件编号 | 公制螺纹 | 电缆范围 Ø | | | | | 标称尺寸 (mm/in) | | |
|------|----------|---------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | W1 | W2 | W3 |
| | EXN04MC5 | M20x1.5 | 8.5 0.335 | 16.0 0.630 | 16.0 0.630 | 70.0 2.756 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 | 29.0 1.142 |
| | EXN05MC5 | M25x1.5 | 16.0 0.630 | 21.0 0.827 | 16.0 0.630 | 72.1 2.838 | 37.0 1.456 | 34.0 1.338 | 34.0 1.338 | 34.0 1.338 |
| | EXN06MC5 | M32x1.5 | 16.0 0.630 | 26.0 1.024 | 16.0 0.630 | 76.0 2.992 | 45.0 1.771 | 42.0 1.653 | 42.0 1.653 | 40.0 1.574 |
| | EXN07MC5 | M40x1.5 | 29.0 1.142 | 41.0 1.614 | 16.0 0.630 | 83.4 3.283 | 66.0 2.598 | 50.0 1.968 | 60.0 2.362 | 60.0 2.362 |
| | EXN08MC5 | M50x1.5 | 33.0 1.299 | 48.0 1.890 | 16.0 0.630 | 96.6 3.803 | 77.0 3.031 | 60.0 2.362 | 70.0 2.755 | 75.0 2.952 |
| | EXN09MC5 | M63x1.5 | 36.0 1.417 | 52.0 2.047 | 16.0 0.630 | 109.5 4.311 | 77.0 3.031 | 70.0 2.755 | 70.0 2.755 | 74.0 2.913 |
| | EXN04AC5 | 1/2" | 8.5 0.335 | 16.0 0.630 | 16.0 0.630 | 70.0 2.756 | 33.0 1.299 | 30.0 1.181 | 30.0 1.181 | 30.0 1.181 |
| | EXN05AC5 | 3/4" | 16.0 0.630 | 21.0 0.827 | 16.0 0.630 | 72.1 2.838 | 37.0 1.456 | 34.0 1.338 | 34.0 1.338 | 34.0 1.338 |
| | EXN06AC5 | 1" | 16.0 0.630 | 26.0 1.024 | 16.0 0.630 | 76.0 2.992 | 45.0 1.771 | 42.0 1.653 | 42.0 1.653 | 40.0 1.574 |
| | EXN07AC5 | 1 1/4" | 29.0 1.142 | 41.0 1.614 | 16.0 0.630 | 83.4 3.283 | 66.0 2.598 | 50.0 1.968 | 60.0 2.362 | 60.0 2.362 |
| | EXN08AC5 | 1 1/2" | 33.0 1.299 | 48.0 1.890 | 16.0 0.630 | 96.6 3.803 | 77.0 3.031 | 60.0 2.362 | 70.0 2.755 | 75.0 2.952 |
| | EXN09AC5 | 2" | 36.0 1.417 | 52.0 2.047 | 16.0 0.630 | 109.5 4.311 | 77.0 3.031 | 70.0 2.755 | 70.0 2.755 | 74.0 2.913 |

EXN 表示镀镍

夹套金属包层电缆接头, 危险区专用 ST 系列



特性和优点:

- 优异的抗拉强度
- 坚固的金属结构
- 无需拆卸的快速安装
- “卡接”式接头（无需拆卸）节省安装时间
- 提供电缆铠装的接地连续性

ST 系列 - 夹套金属包层电缆格兰

| 批准及认证 | 合规性符合: | 温度范围 |
|-------|--|---------------------------|
| US | CSA C22.2 60079-0, C22.2 60079-7, C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 94 号, C22.2 第 174 号, UL2279, UL514B, UL5 | 40 到 +90°C (-40 到 +194°F) |
| IP 等级 | 材料 | |
| 类型 4X | 无铜铝 | |
| | 镀锌钢 | |
| | 不锈钢 | |

批准及认证

合规性符合:

温度范围

IP 等级

材料

类型 4X

无铜铝

镀锌钢

不锈钢

CSA C22.2 60079-0, C22.2 60079-7, C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 94 号, C22.2 第 174 号, UL2279, UL514B, UL5

c-CSA-us 认证: 1105555
文件 23086

I类 / I区 ABCD II类 1区 EFG III类 1区
(参见 CEC)

Ex e II

UL 文件: E38947

I类 / I区、AEx e II

适用于 I类 2 区, II类 2 区 和 III类 2 区

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | 标称尺寸 (mm/in) | | |
|-------|-------------|--------|------------|------------|------------|------------|--------------|-------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | ST038-461S* | 3/8" | 8.74 | 13.59 | 6.20 | 11.05 | 11.68 | 51.31 | 25.27 |
| | | | 0.344 | 0.535 | 0.244 | 0.435 | 0.460 | 2.020 | 0.995 |
| | ST050-462 | 1/2" | 13.34 | 16.51 | 10.54 | 14.48 | 15.75 | 51.31 | 34.13 |
| | | | 0.525 | 0.650 | 0.415 | 0.570 | 0.620 | 2.020 | 1.344 |
| | ST050-464 | 1/2" | 15.24 | 19.30 | 12.45 | 17.27 | 15.75 | 51.31 | 34.13 |
| | | | 0.600 | 0.760 | 0.490 | 0.680 | 0.620 | 2.020 | 1.344 |
| | ST050-465 | 1/2" | 18.42 | 22.48 | 15.62 | 20.45 | 15.75 | 54.10 | 42.07 |
| | | | 0.725 | 0.885 | 0.615 | 0.805 | 0.620 | 2.130 | 1.656 |
| | ST050-466 | 1/2" | 20.96 | 25.02 | 18.16 | 22.99 | 15.75 | 54.10 | 42.07 |
| | | | 0.825 | 0.985 | 0.715 | 0.905 | 0.620 | 2.130 | 1.656 |
| | ST075-467 | 3/4" | 22.35 | 27.05 | 19.56 | 25.02 | 16.00 | 62.23 | 53.18 |
| | | | 0.880 | 1.065 | 0.770 | 0.985 | 0.630 | 2.450 | 2.094 |
| | ST075-468 | 3/4" | 26.04 | 30.61 | 23.24 | 28.58 | 16.00 | 62.23 | 53.18 |
| | | | 1.025 | 1.205 | 0.915 | 1.125 | 0.630 | 2.450 | 2.094 |
| | ST100-469 | 1" | 30.15 | 34.93 | 27.36 | 32.89 | 19.94 | 66.04 | 61.91 |
| | | | 1.187 | 1.375 | 1.077 | 1.295 | 0.785 | 2.600 | 2.438 |
| | ST125-470 | 1 1/4" | 34.29 | 41.28 | 31.50 | 39.24 | 20.57 | 83.31 | 76.20 |
| | | | 1.350 | 1.625 | 1.240 | 1.545 | 0.810 | 3.280 | 3.000 |

夹套金属包层电缆接头, 危险区专用

ST 系列

尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | 标称尺寸 (mm/in) | | |
|-------|-----------|---------------------------------|---------------|---------------|---------------|---------------|--------------|--------|--------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | ST125-550 | 1 ¹ / ₄ " | 38.10 | 41.28 | 35.31 | 39.24 | 20.57 | 83.31 | 76.20 |
| | | | 1.500 | 1.625 | 1.390 | 1.545 | 0.810 | 3.280 | 3.000 |
| | ST125-471 | 1/2" | 40.64 | 47.63 | 37.85 | 45.59 | 20.57 | 83.31 | 76.20 |
| | | | 1.600 | 1.875 | 1.490 | 1.795 | 0.810 | 3.280 | 3.000 |
| | ST150-472 | 1/2" | 43.18 | 49.91 | 40.39 | 47.88 | 20.96 | 91.95 | 87.31 |
| | | | 1.700 | 1.965 | 1.590 | 1.885 | 0.825 | 3.620 | 3.438 |
| | ST150-473 | 1/2" | 48.26 | 55.55 | 45.47 | 53.52 | 20.96 | 91.95 | 87.31 |
| | | | 1.900 | 2.187 | 1.790 | 2.107 | 0.825 | 3.620 | 3.438 |
| | ST200-551 | 1/2" | 48.26 | 55.55 | 45.47 | 53.52 | 21.84 | 92.46 | 96.84 |
| | | | 1.900 | 2.187 | 1.790 | 2.107 | 0.860 | 3.640 | 3.813 |
| | ST200-474 | 3/4" | 53.34 | 60.33 | 50.55 | 57.91 | 21.84 | 92.46 | 96.84 |
| | | | 2.100 | 2.375 | 1.990 | 2.280 | 0.860 | 3.640 | 3.813 |
| | ST200-475 | 3/4" | 58.42 | 65.15 | 55.63 | 63.12 | 21.84 | 92.46 | 106.36 |
| | | | 2.300 | 2.565 | 2.190 | 2.485 | 0.860 | 3.640 | 4.188 |
| | ST200-476 | 3/4" | 63.50 | 69.85 | 60.71 | 67.46 | 21.84 | 92.46 | 106.36 |
| | | | 2.500 | 2.750 | 2.390 | 2.656 | 0.860 | 3.640 | 4.188 |
| | ST250-477 | 3/4" | 60.45 | 67.06 | 56.90 | 65.02 | 32.51 | 119.38 | 121.44 |
| | | | 2.380 | 2.640 | 2.240 | 2.560 | 1.280 | 4.700 | 4.781 |
| | ST250-478 | 3/4" | 65.53 | 72.14 | 61.98 | 69.85 | 32.51 | 119.38 | 121.44 |
| | | | 2.580 | 2.840 | 2.440 | 2.750 | 1.280 | 4.700 | 4.781 |
| | ST300-479 | 3/4" | 70.87 | 77.72 | 67.06 | 75.44 | 34.04 | 119.38 | 129.38 |
| | | | 2.790 | 3.060 | 2.640 | 2.970 | 1.340 | 4.700 | 5.094 |
| | ST300-480 | 3/4" | 76.20 | 83.06 | 72.90 | 81.03 | 34.04 | 121.67 | 139.70 |
| | | | 3.000 | 3.270 | 2.870 | 3.190 | 1.340 | 4.790 | 5.500 |
| | ST300-481 | 3/4" | 81.53 | 88.39 | 77.27 | 86.11 | 34.04 | 121.67 | 139.70 |
| | | | 3.210 | 3.480 | 3.042 | 3.390 | 1.340 | 4.790 | 5.500 |
| | ST350-482 | 3/4" | 86.87 | 93.73 | 83.06 | 91.19 | 35.31 | 121.67 | 153.19 |
| | | | 3.420 | 3.690 | 3.270 | 3.590 | 1.390 | 4.790 | 6.031 |
| | ST350-483 | 3/4" | 91.69 | 98.30 | 87.38 | 95.76 | 35.31 | 121.67 | 153.19 |
| | | | 3.610 | 3.870 | 3.440 | 3.770 | 1.390 | 4.790 | 6.031 |
| | ST400-484 | 1" | 96.77 | 102.36 | 91.44 | 99.82 | 36.58 | 122.94 | 166.69 |
| | | | 3.810 | 4.030 | 3.600 | 3.930 | 1.440 | 4.840 | 6.563 |
| | ST400-485 | 1 1/ ₄ " | 100.71 | 106.30 | 95.38 | 103.25 | 36.58 | 122.94 | 166.69 |
| | | | 3.965 | 4.185 | 3.755 | 4.065 | 1.440 | 4.840 | 6.563 |
| | ST400-486 | 1 1/ ₄ " | 104.65 | 110.24 | 99.31 | 107.19 | 36.58 | 122.94 | 166.69 |
| | | | 4.120 | 4.340 | 3.910 | 4.220 | 1.440 | 4.840 | 6.563 |

夹套金属包层电缆接头, 供一般区域使用

STE 系列



STE 系列 - 夹套金属包层电缆格兰

| 批准及认证 | 合规性 符合: |
|-------|--|
| | CSA C22.2 60079-0, C22.2 60079-7, C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 94 号, C22.2 第 174 号, UL2279, UL514B, UL50 |
| | c-CSA-us 认证: 1105555 文件 23086 |
| | I 类 / 1 区 ABCD II 类 1 区 EFG III 类 1 区 (参见 CEC) |
| | Ex e II |
| | UL 文件: E38947 |
| | I 类 / 1 区, AEx e II |
| | 适用于 I 类 2 区, II 类 2 区 和 III 类 2 区 |

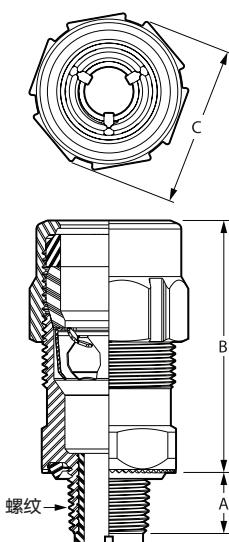
特性和优点:

- 优异的抗拉强度
- 坚固的金属结构
- 无需拆卸的快速安装
- 更大的锁紧范围
- 提供电缆铠装的接地连续性

| 温度范围 | |
|---------------------------|-----|
| 40 到 +90°C (-40 到 +194°F) | |
| IP 等级 | 材料 |
| 类型 4X | 无铜铝 |
| | 镀锌钢 |
| | 不锈钢 |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | 标称尺寸 (mm/in) | | |
|-------|-------------|--------|---------------|---------------|---------------|---------------|--------------|--------|--------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | STE050 DATA | 1/2" | 12.70 | 17.78 | 10.41 | 15.49 | 15.75 | 53.34 | 34.54 |
| | | | 0.500 | 0.700 | 0.410 | 0.610 | 0.620 | 2.100 | 1.360 |
| | STE050 | 1/2" | 15.24 | 25.02 | 13.21 | 22.73 | 15.75 | 64.01 | 41.40 |
| | | | 0.600 | 0.985 | 0.520 | 0.895 | 0.620 | 2.520 | 1.630 |
| | STE075 | 3/4" | 21.84 | 30.61 | 19.81 | 28.58 | 16.00 | 72.14 | 52.83 |
| | | | 0.860 | 1.205 | 0.780 | 1.125 | 0.630 | 2.840 | 2.080 |
| | STE100 | 1" | 24.13 | 34.93 | 22.10 | 32.89 | 19.94 | 76.71 | 58.42 |
| | | | 0.950 | 1.375 | 0.870 | 1.295 | 0.785 | 3.020 | 2.300 |
| | STE125 | 1 1/4" | 29.21 | 41.28 | 25.15 | 37.21 | 20.57 | 101.85 | 71.63 |
| | | | 1.150 | 1.625 | 0.990 | 1.465 | 0.810 | 4.010 | 2.820 |
| | STE150 | 1 1/2" | 36.58 | 49.91 | 32.51 | 45.85 | 20.96 | 108.97 | 82.55 |
| | | | 1.440 | 1.965 | 1.280 | 1.805 | 0.825 | 4.290 | 3.250 |
| | STE200 | 2" | 46.36 | 60.33 | 42.29 | 56.26 | 21.84 | 104.65 | 91.44 |
| | | | 1.825 | 2.375 | 1.665 | 2.215 | 0.860 | 4.120 | 3.600 |
| | STE250 | 2 1/2" | 57.53 | 72.14 | 53.47 | 68.07 | 32.51 | 144.02 | 120.65 |
| | | | 2.265 | 2.840 | 2.105 | 2.680 | 1.280 | 5.670 | 4.750 |
| | STE300 | 3" | 67.82 | 83.06 | 64.64 | 79.88 | 33.66 | 146.81 | 137.16 |
| | | | 2.670 | 3.270 | 2.545 | 3.145 | 1.325 | 5.780 | 5.400 |
| | STE350 | 3 1/2" | 81.79 | 98.30 | 78.49 | 92.46 | 35.31 | 145.80 | 149.86 |
| | | | 3.220 | 3.870 | 3.090 | 3.640 | 1.390 | 5.740 | 5.900 |
| | STE400 | 4" | 93.09 | 110.24 | 90.17 | 107.32 | 35.31 | 147.07 | 162.56 |
| | | | 3.665 | 4.340 | 3.550 | 4.225 | 1.390 | 5.790 | 6.400 |



Star Teck Extreme Director, 供一般用途使用

STED 系列



特性和优点:

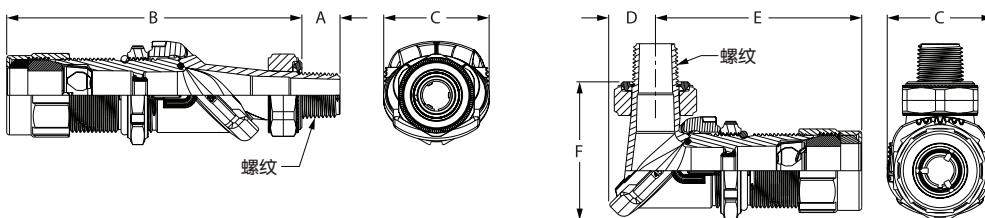
- 优异的抗拉强度
- 坚固的金属结构
- 无需拆卸的快速安装
- 更大的锁紧范围
- 提供电缆铠装的接地连续性

STED 系列 - 夹套金属包层电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|---|--|---------------------------|
| C | CSA C22.2 60079-0, C22.2 60079-7, C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 94 号, C22.2 第 174 号, UL2279, UL514B, UL50 | 40 到 +90°C (-40 到 +194°F) |
| IP 等级 | 材料 | |
| 类型 4X | 无铜铝 | |
| | 镀锌钢 | |
| | 不锈钢 | |
| c-CSA-us 认证: 1105555 文件 23086 | | |
| I 类 / 1 区 ABCD II 类 1 区 EFG III 类 1 区 (参见 CEC) | | |
| Ex e II | | |
| UL 文件: E38947 | | |
| I 类 / 1 区, AEx e II | | |
| 适用于 I 类 / 2 区, II 类 2 区 和 III 类 / 2 区 | | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | | | 标称尺寸 (mm/in) | | | |
|-------|---------|-------|---------------|---------------|---------------|---------------|-------|--------|--------------|-------|--------|-------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 | D 最小 | E 最小 | F 最小 |
| NPT螺纹 | STED050 | 1/2" | 15.24 | 22.48 | 13.21 | 20.19 | 17.46 | 136.53 | 49.21 | 20.64 | 96.84 | 63.50 |
| | | | 0.600 | 0.885 | 0.520 | 0.795 | 0.688 | 5.375 | 1.938 | 0.813 | 3.813 | 2.500 |
| NPT螺纹 | STED075 | 3/4" | 21.84 | 30.61 | 19.81 | 28.58 | 17.46 | 168.40 | 63.50 | 26.99 | 101.60 | 76.20 |
| | | | 0.860 | 1.205 | 0.780 | 1.125 | 0.688 | 6.630 | 2.500 | 1.063 | 4.000 | 3.000 |



Star Teck XP 夹套金属包层电缆接头, 危险区专用

STX 系列



特性和优点:

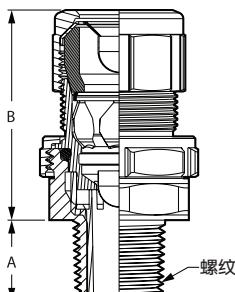
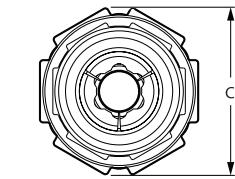
- 优秀解决方案, 危险区专用
- 优异的抗拉强度
- 坚固的金属结构
- 无需拆卸, 快速安装
- 提供电缆铠装的接地连续性

STX 系列 - 夹套金属包层电缆格兰

| 批准及认证 | 合规性 | | 温度范围 |
|-------|--|-----------|---------------------------|
| | 符合: | | |
| | CSA C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 30 号。C22.2 第 174 号, UL2225, UL514B | | 40 到 +90°C (-40 到 +194°F) |
| | CSA 认证: 1310604 文件 23086 | | |
| | I 类 / 1 区 ABCD II 类 / 1 区 EFG III 类 / 1 区 | IP 等级 | 材料 |
| | UL: E82038 | 类型 4 / 4X | 无铜铝 |
| | I 类 / 1 区 ABCD II 类 / 1 区 EFG III 类 / 1 区 | | 镀锌钢 |
| | | | 均可提供 PVC 涂层 |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | 标称尺寸 (mm/in) | | |
|-------|------------|--------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | STX050-462 | 1/2" | 13.34 0.525 | 16.51 0.650 | 10.54 0.415 | 14.48 0.570 | 20.07 0.790 | 63.50 2.500 | 41.40 1.630 |
| | STX050-464 | 1/2" | 15.24 0.600 | 19.30 0.760 | 12.45 0.490 | 17.27 0.680 | 20.07 0.790 | 63.50 2.500 | 41.40 1.630 |
| | STX075-465 | 3/4" | 18.42 0.725 | 22.48 0.885 | 15.62 0.615 | 20.45 0.805 | 20.07 0.790 | 66.55 2.620 | 46.23 1.820 |
| | STX075-466 | 3/4" | 20.96 0.825 | 25.02 0.985 | 18.16 0.715 | 22.99 0.905 | 20.07 0.790 | 66.55 2.620 | 46.23 1.820 |
| | STX100-467 | 1" | 22.35 0.880 | 27.05 1.065 | 19.56 0.770 | 25.02 0.985 | 25.02 0.985 | 71.88 2.830 | 61.98 2.440 |
| | STX100-468 | 1" | 26.04 1.025 | 30.61 1.205 | 23.24 0.915 | 28.58 1.125 | 25.02 0.985 | 71.88 2.830 | 61.98 2.440 |
| | STX125-469 | 1 1/4" | 30.15 1.187 | 34.93 1.375 | 27.36 1.077 | 32.89 1.295 | 25.65 1.010 | 77.47 3.050 | 64.01 2.520 |
| | STX150-470 | 1 1/2" | 34.29 1.350 | 41.28 1.625 | 31.50 1.240 | 39.24 1.545 | 26.16 1.030 | 95.50 3.760 | 83.31 3.280 |
| | STX150-550 | 1 1/2" | 38.10 1.500 | 41.28 1.625 | 35.31 1.390 | 39.24 1.545 | 26.16 1.030 | 95.50 3.760 | 83.31 3.280 |
| | STX150-471 | 1 1/2" | 40.64 1.600 | 47.63 1.875 | 37.85 1.490 | 45.59 1.795 | 26.16 1.030 | 95.50 3.760 | 83.31 3.280 |
| | STX200-472 | 2" | 43.18 1.700 | 49.91 1.965 | 40.39 1.590 | 47.88 1.885 | 26.92 1.060 | 102.87 4.050 | 92.46 3.640 |
| | STX200-473 | 2" | 48.26 1.900 | 55.55 2.187 | 45.47 1.790 | 53.52 2.107 | 26.92 1.060 | 102.87 4.050 | 92.46 3.640 |



Star Teck XP, 危险区专用

STX 系列

尺寸



| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | 标称尺寸 (mm/in) | | |
|------------|--------|--------|---------------|---------------|---------------|---------------|--------------|--------|--------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| STX200-474 | 2" | 2" | 53.34 | 60.33 | 50.55 | 57.91 | 26.92 | 105.41 | 102.87 |
| | | | 2.100 | 2.375 | 1.990 | 2.280 | 1.060 | 4.150 | 4.050 |
| STX250-475 | 2 1/2" | 2 1/2" | 58.42 | 65.15 | 55.63 | 63.12 | 40.13 | 109.47 | 115.32 |
| | | | 2.300 | 2.565 | 2.190 | 2.485 | 1.580 | 4.310 | 4.540 |
| STX250-476 | 2 1/2" | 2 1/2" | 63.50 | 69.85 | 60.71 | 67.46 | 40.13 | 109.47 | 115.32 |
| | | | 2.500 | 2.750 | 2.390 | 2.656 | 1.580 | 4.310 | 4.540 |
| STX300-478 | 3" | 3" | 65.53 | 72.14 | 61.98 | 69.85 | 41.66 | 143.26 | 125.22 |
| | | | 2.580 | 2.840 | 2.440 | 2.750 | 1.640 | 5.640 | 4.930 |
| STX300-479 | 3" | 3" | 70.87 | 77.72 | 67.06 | 75.44 | 41.66 | 147.32 | 133.35 |
| | | | 2.790 | 3.060 | 2.640 | 2.970 | 1.640 | 5.800 | 5.250 |
| STX350-480 | 3 1/2" | 3 1/2" | 76.20 | 83.06 | 72.90 | 81.03 | 42.93 | 160.53 | 147.07 |
| | | | 3.000 | 3.270 | 2.870 | 3.190 | 1.690 | 6.320 | 5.790 |
| STX350-481 | 3 1/2" | 3 1/2" | 81.53 | 88.39 | 77.27 | 86.11 | 42.93 | 160.53 | 147.07 |
| | | | 3.210 | 3.480 | 3.042 | 3.390 | 1.690 | 6.320 | 5.790 |
| STX400-482 | 4" | 4" | 86.87 | 93.73 | 83.06 | 91.19 | 44.20 | 168.40 | 157.23 |
| | | | 3.420 | 3.690 | 3.270 | 3.590 | 1.740 | 6.630 | 6.190 |
| STX400-483 | 4" | 4" | 91.69 | 98.30 | 87.38 | 95.76 | 44.20 | 168.40 | 157.23 |
| | | | 3.610 | 3.870 | 3.440 | 3.770 | 1.740 | 6.630 | 6.190 |
| STX400-484 | 4" | 4" | 96.77 | 102.36 | 91.44 | 99.82 | 44.20 | 180.09 | 175.26 |
| | | | 3.810 | 4.030 | 3.600 | 3.930 | 1.740 | 7.090 | 6.900 |
| STX400-485 | 4" | 4" | 100.71 | 106.30 | 95.38 | 103.25 | 44.20 | 180.09 | 175.26 |
| | | | 3.965 | 4.185 | 3.755 | 4.065 | 1.740 | 7.090 | 6.900 |

Star Teck XP 夹套金属包层电缆接头, 危险区专用

STEX 系列



特性和优点:

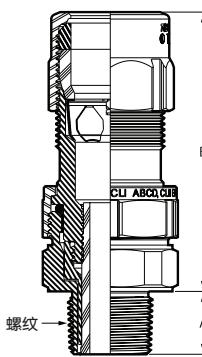
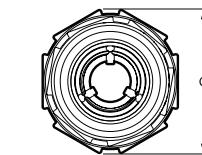
- 优秀解决方案, 危险区专用
- 优异的抗拉强度
- 坚固的金属结构
- 无需拆卸, 快速安装
- 提供电缆铠装的接地连续性

STEX 系列 - 夹套金属包层电缆格兰

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------------------------------|--|---------------------------|
| C US | CSA C22.2 第 18.3 号, C22.2 第 25 号, C22.2 第 30 号。C22.2 第 174 号, UL2225, UL514B | 40 到 +90°C (-40 到 +194°F) |
| IP 等级 | 材料 | |
| CSA 认证: 1310604 文件 23086 | 无铜铝 | |
| I 类 / 1 区 ABCD II 类 / 1 区 EFG | 镀锌钢 | |
| III 类 / 1 区 | | |
| UL 文件: E82038 | | |
| I 类 / 1 区 ABCD II 类 / 1 区 EFG | 均可提供 PVC 涂层 | |
| III 类 / 1 区 | | |

尺寸

| NPT螺纹 | 部件编号 | NPT螺纹 | 夹套电缆范围 | | 铠装电缆范围 | | 标称尺寸 (mm/in) | | |
|-------|---------|--------|---------------|---------------|---------------|---------------|--------------|--------|--------|
| | | | 最小 (mm/in) | 最大 (mm/in) | 最小 (mm/in) | 最大 (mm/in) | A 最小 | B 最小 | C 最小 |
| | STEX075 | 3/4" | 15.24 | 25.02 | 13.21 | 22.73 | 20.07 | 86.36 | 46.23 |
| | | | 0.600 | 0.985 | 0.520 | 0.895 | 0.790 | 3.400 | 1.820 |
| | STEX100 | 1" | 21.84 | 30.61 | 19.81 | 28.58 | 25.02 | 90.93 | 61.98 |
| | | | 0.860 | 1.205 | 0.780 | 1.125 | 0.985 | 3.580 | 2.440 |
| | STEX125 | 1 1/4" | 24.13 | 34.93 | 22.10 | 32.89 | 25.65 | 99.57 | 64.01 |
| | | | 0.950 | 1.375 | 0.870 | 1.295 | 1.010 | 3.920 | 2.520 |
| | STEX150 | 1 1/2" | 29.21 | 41.28 | 25.15 | 37.21 | 26.16 | 127.51 | 83.31 |
| | | | 1.150 | 1.625 | 0.990 | 1.465 | 1.030 | 5.020 | 3.280 |
| | STEX200 | 2" | 36.58 | 49.91 | 32.51 | 45.85 | 26.92 | 130.05 | 92.46 |
| | | | 1.440 | 1.965 | 1.280 | 1.805 | 1.060 | 5.120 | 3.640 |
| | STEX250 | 2 1/2" | 46.36 | 60.33 | 42.29 | 56.26 | 40.13 | 131.32 | 115.32 |
| | | | 1.825 | 2.375 | 1.665 | 2.215 | 1.580 | 5.170 | 4.540 |
| | STEX300 | 3" | 57.53 | 72.14 | 53.47 | 68.07 | 41.66 | 167.89 | 125.22 |
| | | | 2.265 | 2.840 | 2.105 | 2.680 | 1.640 | 6.610 | 4.930 |
| | STEX350 | 3 1/2" | 67.82 | 83.06 | 64.64 | 79.88 | 42.93 | 187.45 | 147.07 |
| | | | 2.670 | 3.270 | 2.545 | 3.145 | 1.690 | 7.380 | 5.790 |
| | STEX400 | 4" | 81.79 | 98.30 | 78.49 | 92.46 | 44.20 | 194.31 | 157.23 |
| | | | 3.220 | 3.870 | 3.090 | 3.640 | 1.740 | 7.650 | 6.190 |



Ex d 标准堵头

SP 系列



SP 系列 - 堵头 - 标准 Ex d

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------|---|--------------------------------|
| | ATEX: Baseefa08ATEX0324 IECEx: IECEx BAS08.0109X ETL: 3176087 | -20°C 到 +200°C (-4°F 到 +392°F) |
| | UL 1203 (仅镀镍黄铜和不锈钢) EAC Ex: RU C-GB AA87.00198 INMETRO: UL-BR 15.03.05 CNEX 15.1691X ◎ I M2 / II 2 G, Ex d I Mb, Ex d IIIC Gb I 类 / 1 区 ABCD II 类 / 1 区 EFG | 黄铜、镀镍黄铜或不锈钢 |

标准 Ex d 堵头 - 公制螺纹

| 镀锌 部件编号 | 公制螺纹尺寸 (mm) | 黄铜 部件编号 | 公制螺纹尺寸 (mm) | 不锈钢 部件编号 | 公制螺纹尺寸 (mm) |
|------------|-------------|------------|-------------|-------------|-------------|
| EXN/M16/SP | M16 | EX/M16/SP | M16 | EXS/M16/SP | M16 |
| EXN/M20/SP | M20 | EX/M20/SP | M20 | EXS/M20/SP | M20 |
| EXN/M25/SP | M25 | EX/M25/SP | M25 | EXS/M25/SP | M25 |
| EXN/M32/SP | M32 | EX/M32/SP | M32 | EXS/M32/SP | M32 |
| EXN/M40/SP | M40 | EX/M40/SP | M40 | EXS/M40/SP | M40 |
| EXN/M50/SP | M50 | EX/M50/SP | M50 | EXS/M50/SP | M50 |
| EXN/M63/SP | M63 | EX/M63/SP | M63 | EXS/M63/SP | M63 |

标准 Ex d 堵头 - NPT 螺纹

| 镀锌 部件编号 | NPT 螺纹尺寸 (in) | 黄铜 部件编号 | NPT 螺纹尺寸 (in) | 不锈钢 部件编号 | NPT 螺纹尺寸 (in) |
|------------|------------------|------------|------------------|-------------|------------------|
| EXN/038/SP | 3/8 | EX/038/SP | 3/8 | EXS/038/SP | 3/8 |
| EXN/050/SP | 1/2 | EX/050/SP | 1/2 | EXS/050/SP | 1/2 |
| EXN/075/SP | 3/4 | EX/075/SP | 3/4 | EXS/075/SP | 3/4 |
| EXN/100/SP | 1 | EX/100/SP | 1 | EXS/100/SP | 1 |
| EXN/125/SP | 1 1/4 | EX/125/SP | 1 1/4 | EXS/125/SP | 1 1/4 |
| EXN/150/SP | 1 1/2 | EX/150/SP | 1 1/2 | EXS/150/SP | 1 1/2 |
| EXN/200/SP | 2 | EX/200/SP | 2 | EXS/200/SP | 2 |

* 对于无镀层黄铜版本来说, 需要将参考编号中的 N 去除, 例如 EX/M16/SP ** 对于 316 不锈钢版本来说, 需要将 S 添加到参考编号中, 例如 EXS/M16/SP
注: 可根据您的要求提供 PG 螺纹转换器

Ex d 堵头

TSP 系列



SP 系列 - 堵头 - 标准 Ex dgland

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------|---|--------------------------------|
| | ATEX: Baseefa08ATEX0324 IECEx: IECEx BAS08.0109X ETL: 3176087 | -20°C 到 +200°C (-4°F 到 +392°F) |
| | UL 1203 (仅镀镍黄铜和不锈钢) EAC Ex: RU C-GB AA87.00198 | 材料 |
| | INMETRO: UL-BR 15.03.05 CNEX 15.1691X | 黄铜、镀镍黄铜或不锈钢 |
| | II M2 / II 2 G, Ex d I Mb, Ex d IIIC Gb I类 / 1区 ABCD II类 / 1区 EFG | |

防篡改 Ex d 堵头 - 公制螺纹

| 镀锌 部件编号 | 公制螺纹尺寸 (mm) | 黄铜 部件编号 | 公制螺纹尺寸 (mm) | 不锈钢 部件编号 | 公制螺纹尺寸 (mm) |
|-------------|-------------|------------|-------------|-------------|-------------|
| EXN/M16/TSP | M16 | EX/M16/TSP | M16 | EXS/M16/TSP | M16 |
| EXN/M20/TSP | M20 | EX/M20/TSP | M20 | EXS/M20/TSP | M20 |
| EXN/M25/TSP | M25 | EX/M25/TSP | M25 | EXS/M25/TSP | M25 |
| EXN/M32/TSP | M32 | EX/M32/TSP | M32 | EXS/M32/TSP | M32 |
| EXN/M40/TSP | M40 | EX/M40/TSP | M40 | EXS/M40/TSP | M40 |
| EXN/M50/TSP | M50 | EX/M50/TSP | M50 | EXS/M50/TSP | M50 |
| EXN/M63/TSP | M63 | EX/M63/TSP | M63 | EXS/M63/TSP | M63 |

防篡改 Ex d 堵头 - NPT 螺纹

| 镀锌 部件编号 | NPT 螺纹尺寸 (in) | 黄铜 部件编号 | NPT 螺纹尺寸 (in) | 不锈钢 部件编号 | NPT 螺纹尺寸 (in) |
|-------------|------------------|------------|------------------|-------------|------------------|
| EXN/038/TSP | 3/8 | EX/038/TSP | 3/8 | EXS/038/TSP | 3/8 |
| EXN/050/TSP | 1/2 | EX/050/TSP | 1/2 | EXS/050/TSP | 1/2 |
| EXN/075/TSP | 3/4 | EX/075/TSP | 3/4 | EXS/075/TSP | 3/4 |
| EXN/100/TSP | 1 | EX/100/TSP | 1 | EXS/100/TSP | 1 |
| EXN/125/TSP | 1 1/4 | EX/125/TSP | 1 1/4 | EXS/125/TSP | 1 1/4 |
| EXN/150/TSP | 1 1/2 | EX/150/TSP | 1 1/2 | EXS/150/TSP | 1 1/2 |
| EXN/200/TSP | 2 | EX/200/TSP | 2 | EXS/200/TSP | 2 |

* 对于无镀层黄铜版本来说, 需要将参考编号中的 N 去除, 例如 EX/M16/SP ** 对于 316 不锈钢版本来说, 需要将 S 添加到参考编号中, 例如 EXS/M16/SP
注: 可根据您的要求提供 PG 螺纹转换器

Ex e 六角形堵头

HSP 系列



HSP 系列 - Ex e 六角形和球形堵头

| 批准及认证 | 合规性 符合: | 温度范围 | |
|-------|--|---------|-------------|
| | | IP 等级 | 材料 |
| | ATEX: Baseefa08ATEX0325X IECEx: IECEx BAS08.0108X EAC Ex: RU C-GB AA87.00198 INMETRO: UL-BR 15.03.03X CNEX: CNEX 15.1656X ② I M2 / II 2 GD, Ex d e I Mb, Ex d e IIC Gb Ex tb IIIC Db | IP65/66 | 黄铜、镀镍黄铜或不锈钢 |

六角形 Ex e 堵头 - 公制螺纹

| 镀锌 部件编号 | 公制螺纹尺寸 (mm) | 黄铜 部件编号 | 公制螺纹尺寸 (mm) | 不锈钢 部件编号 | 公制螺纹尺寸 (mm) |
|-------------|-------------|------------|-------------|-------------|-------------|
| EXN/M16/HSP | M16 | EX/M16/HSP | M16 | EXS/M16/HSP | M16 |
| EXN/M20/HSP | M20 | EX/M20/HSP | M20 | EXS/M20/HSP | M20 |
| EXN/M25/HSP | M25 | EX/M25/HSP | M25 | EXS/M25/HSP | M25 |
| EXN/M32/HSP | M32 | EX/M32/HSP | M32 | EXS/M32/HSP | M32 |
| EXN/M40/HSP | M40 | EX/M40/HSP | M40 | EXS/M40/HSP | M40 |
| EXN/M50/HSP | M50 | EX/M50/HSP | M50 | EXS/M50/HSP | M50 |
| EXN/M63/HSP | M63 | EX/M63/HSP | M63 | EXS/M63/HSP | M63 |

* 对于无镀层黄铜版本来说, 需要将参考编号中的 N 去除, 例如 EX/M16/SP ** 对于 316 不锈钢版本来说, 需要将 S 添加到参考编号中, 例如 EXS/M16/SP
注: 可根据您的要求提供 PG 螺纹转换器

Ex d e 球形堵头

DSP 系列



DSP 系列 - Ex e 六角形和球形堵头

| 批准及认证 | 合规性 符合: | 温度范围 | |
|--|----------------------------|---------------------------------|--|
| | | | |
| | ATEX: Baseefa08ATEX0325X | -60°C 到 +130°C (-76°F 到 +266°F) | |
| | IECEx: IECEx BAS08.0108X | | |
| | EAC Ex: RU C-GB AA87.00198 | | |
| | INMETRO: UL-BR 15.03.03X | | |
| | CNEX: CNEX 15.1656X | | |
| ② I M2 / II 2 GD, Ex d e I Mb, Ex d e IIC Gb | | 黄铜, 镀镍黄铜或不锈钢 | |
| Ex tb IIIC Db | | | |

球形 Ex e 堵头 - 公制螺纹

| 镀镍 部件编号 | 公制螺纹尺寸 (mm) | 黄铜 部件编号 | 公制螺纹尺寸 (mm) | 不锈钢 部件编号 | 公制螺纹尺寸 (mm) |
|-------------|-------------|------------|-------------|-------------|-------------|
| EXN/M16/DSP | M16 | EX/M16/DSP | M16 | EXS/M16/DSP | M16 |
| EXN/M20/DSP | M20 | EX/M20/DSP | M20 | EXS/M20/DSP | M20 |
| EXN/M25/DSP | M25 | EX/M25/DSP | M25 | EXS/M25/DSP | M25 |
| EXN/M32/DSP | M32 | EX/M32/DSP | M32 | EXS/M32/DSP | M32 |
| EXN/M40/DSP | M40 | EX/M40/DSP | M40 | EXS/M40/DSP | M40 |
| EXN/M50/DSP | M50 | EX/M50/DSP | M50 | EXS/M50/DSP | M50 |
| EXN/M63/DSP | M63 | EX/M63/DSP | M63 | EXS/M63/DSP | M63 |

* 对于无镀层黄铜版本来说, 需要将参考编号中的 N 去除, 例如 EX/M16/SP ** 对于 316 不锈钢版本来说, 需要将 S 添加到参考编号中, 例如 EXS/M16/SP
注: 可根据您的要求提供 PG 螺纹转换器

Ex e 尼龙堵头



Ex e 尼龙堵头

| 批准及认证 | 合规性 符合: | 温度范围 |
|------------------------|--|---------------------------------|
| | IMQ 13 ATEX 016X, IECEx IMQ Ex e II 2 GD, Ex tb IIIC Db | -60°C 到 +130°C (-76°F 到 +266°F) |
| IP 等级 | 材料 | |
| IP66-IP68 (5 巴下 30 分钟) | 尼龙 | |

尼龙堵头 - 公制螺纹

| 镀镍 部件编号 | 公制螺纹尺寸 (mm) |
|------------|-------------|
| EX/M16/TSP | M16 |
| EX/M20/TSP | M20 |
| EX/M25/TSP | M25 |
| EX/M32/TSP | M32 |
| EX/M40/TSP | M40 |
| EX/M50/TSP | M50 |
| EX/M63/TSP | M63 |

Ex d e 螺纹转接头

TC 系列



TC 系列 - Ex d e 螺纹转接头

| 批准及认证 | 合规性 符合: | 温度范围 |
|---|---|---------------------------------|
|    | ATEX: Baseefa07 ATEX 0247X IECEx: IECEx BAS07.0090X EAC Ex: RU C-GB AA87.00198 INMETRO: UL-BR 15.03.49X CNEX: CNEX 15.1689X @@ I M2 / II 2 GD, Ex d e I Mb, Ex d e IIIC Gb, Ex tb IIIC Db | -60°C 到 +100°C (-76°F 到 +212°F) |
| | I 类 / 1 区 ABCD, II 类 / 1 区 EFG (不包括 M16 和 3/8" NPT 或无镀层黄铜产品) | 材料 |
| | UL 1203 | 黄铜, 镀镍黄铜或不锈钢 |
| | CSA C22.2 第 60079-04 号 | |
| | C22.2 第 60079-1 号 | |

— 金属螺纹转接头 - 公制螺纹

| 外螺纹 | 公制内螺纹 | | | | | | | |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 镀镍 | M16 | M20 | M25 | M32 | M40 | M50 | M63 | M75 |
| M16 | | EXN/M16-M20/E | EXN/M16-M25/E | | | | | |
| M20 | EXN/M20-M16/R | | EXN/M20-M25/E | EXN/M20-M32/E | | | | |
| M25 | EXN/M25-M16/R | EXN/M25-M20/R | | EXN/M25-M32/E | EXN/M25-M40/E | | | |
| M32 | EXN/M32-M16/R | EXN/M32-M20/R | EXN/M32-M25/R | | EXN/M32-M40/E | EXN/M32-M50/E | | |
| M40 | EXN/M40-M16/R | EXN/M40-M20/R | EXN/M40-M25/R | EXN/M40-M32/R | | EXN/M40-M50/E | EXN/M40-M63/E | |
| M50 | EXN/M50-M16/R | EXN/M50-M20/R | EXN/M50-M25/R | EXN/M50-M32/R | EXN/M50-M40/R | | EXN/M50-M63/E | EXN/M50-M75/E |
| M63 | EXN/M63-M16/R | EXN/M63-M20/R | EXN/M63-M25/R | EXN/M63-M32/R | EXN/M63-M40/R | EXN/M63-M50/R | | EXN/M63-M75/E |
| M75 | EXN/M75-M16/R | EXN/M75-M20/R | EXN/M75-M25/R | EXN/M75-M32/R | EXN/M75-M40/R | EXN/M75-M50/R | EXN/M75-M63/R | |
| NPT 3/8 | EXN/038-M16/TC | | | | | | | |
| NPT 1/2 | EXN/050-M16/TC | EXN/050-M20/TC | EXN/050-M25/TC | | | | | |
| NPT 3/4 | EXN/075-M16/TC | EXN/075-M20/TC | EXN/075-M25/TC | EXN/075-M32/TC | | | | |
| NPT 1 | EXN/100-M16/TC | EXN/100-M20/TC | EXN/100-M25/TC | EXN/100-M32/TC | EXN/100-M40/TC | | | |
| NPT 1 1/4 | EXN/125-M16/TC | EXN/125-M20/TC | EXN/125-M25/TC | EXN/125-M32/TC | EXN/125-M40/TC | EXN/125-M50/TC | | |
| NPT 1 1/2 | EXN/150-M16/TC | EXN/150-M20/TC | EXN/150-M25/TC | EXN/150-M32/TC | EXN/150-M40/TC | EXN/150-M50/TC | EXN/150-M63/TC | |
| NPT 2 | EXN/200-M16/TC | EXN/200-M20/TC | EXN/200-M25/TC | EXN/200-M32/TC | EXN/200-M40/TC | EXN/200-M50/TC | EXN/200-M63/TC | |
| NPT 2 1/2 | EXN/250-M16/TC | EXN/250-M20/TC | EXN/250-M25/TC | EXN/250-M32/TC | EXN/250-M40/TC | EXN/250-M50/TC | | |
| NPT 3 | EXN/300-M16/TC | EXN/300-M20/TC | EXN/300-M25/TC | EXN/300-M32/TC | EXN/300-M40/TC | EXN/300-M50/TC | | EXN/300-M75/TC |

* 对于无镀层黄铜版本来说，需要将参考编号中的 N 去除，例如 EX/M16/SP ** 对于 316 不锈钢版本来说，需要将 S 添加到参考编号中，例如 EXS/M16/SP
注：可根据您的要求提供 PG 螺纹转换器

Ex d e 螺纹转接头

TC 系列

—
金属螺纹转接头 - NPT 螺纹

| 外 螺纹 镀镍 | NPT 1/2 | NPT 3/4 | NPT 1 | NPT 1 ¹ /4 | NPT 1 ¹ /2 | NPT 2 | NPT 2 ¹ /2 | NPT 3 | NPT 内螺纹 |
|---------------|----------------|----------------|----------------|-----------------------|-----------------------|----------------|-----------------------|-------|---------------|
| M16 | EXN/M16-050/TC | | | | | | | | |
| M20 | EXN/M20-050/TC | EXN/M20-075/TC | | | | | | | |
| M25 | EXN/M25-050/TC | EXN/M25-075/TC | EXN/M25-100/TC | | | | | | |
| M32 | EXN/M32-050/TC | EXN/M32-075/TC | EXN/M32-100/TC | EXN/M32-125/TC | | | | | |
| M40 | EXN/M40-050/TC | EXN/M40-075/TC | EXN/M40-100/TC | EXN/M40-125/TC | EXN/M40-150/TC | | | | |
| M50 | EXN/M50-050/TC | EXN/M50-075/TC | EXN/M50-100/TC | EXN/M50-125/TC | EXN/M50-150/TC | EXN/M50-200/TC | | | |
| M63 | EXN/M63-050/TC | EXN/M63-075/TC | EXN/M63-100/TC | EXN/M63-125/TC | EXN/M63-150/TC | EXN/M63-200/TC | | | |
| M75 | EXN/M75-050/TC | EXN/M75-075/TC | EXN/M75-100/TC | EXN/M75-125/TC | EXN/M75-150/TC | EXN/M75-200/TC | | | |
| NPT 1/2 | | EXN/050-075/E | | | | | | | |
| NPT 3/4 | EXN/075-050/R | | EXN/075-100/E | | | | | | |
| NPT 1 | EXN/100-050/R | EXN/100-075/R | | EXN/100-125/E | | | | | |
| NPT 1 1/4 | EXN/125-050/R | EXN/125-075/R | EXN/125-100/R | | EXN/125-150/E | | | | |
| NPT 1 1/2 | EXN/150-050/R | EXN/150-075/R | EXN/150-100/R | EXN/150-125/R | | EXN/150-200/E | | | |
| NPT 2 | EXN/200-050/R | EXN/200-075/R | EXN/200-100/R | EXN/200-125/R | EXN/200-150/R | | | | |
| NPT 2 1/2 | EXN/250-050/R | EXN/250-075/R | EXN/250-100/R | EXN/250-125/R | EXN/250-150/R | EXN/250-200/R | | | EXN/250-300/E |
| NPT 3 | EXN/300-050/R | EXN/300-075/R | EXN/300-100/R | EXN/300-125/R | EXN/300-150/R | EXN/300-200/R | EXN/300-250/R | | |

Ex d e 对接头



Ex d e 对接头

| 批准及认证 | 合规性 符合: | 温度范围 |
|-------|--|---------------------------------|
| | ATEX: Baseefa 08 ATEX 0003X Ex de IIC Gb Ex tb IIIC Db | -60°C 到 +200°C (-76°F 到 +392°F) |
| | | 材料 |
| | | 黄铜, 镀镍黄铜或不锈钢 |

Ex d e 对接头 - 公制螺纹

| 镀锌 部件编号 | 公制螺纹尺寸 (mm) | 黄铜 部件编号 | 公制螺纹尺寸 (mm) | 不锈钢 部件编号 | 公制螺纹尺寸 (mm) |
|------------|-------------|------------|-------------|-------------|-------------|
| EXN/M16/C | M16 | EX/M16/C | M16 | EXS/M16/C | M16 |
| EXN/M20/C | M20 | EX/M20/C | M20 | EXS/M20/C | M20 |
| EXN/M25/C | M25 | EX/M25/C | M25 | EXS/M25/C | M25 |
| EXN/M32/C | M32 | EX/M32/C | M32 | EXS/M32/C | M32 |
| EXN/M40/C | M40 | EX/M40/C | M40 | EXS/M40/C | M40 |
| EXN/M50/C | M50 | EX/M50/C | M50 | EXS/M50/C | M50 |
| EXN/M63/C | M63 | EX/M63/C | M63 | EXS/M63/C | M63 |
| EXN/M75/C | M75 | EX/M75/C | M75 | EXS/M75/C | M75 |

Ex d e 公到母对接头 - NPT螺纹

| 镀锌 部件编号 | NPT 螺纹尺寸 (mm) | 黄铜 部件编号 | NPT 螺纹尺寸 (mm) | 不锈钢 部件编号 | NPT 螺纹尺寸 (mm) |
|------------|------------------|------------|------------------|-------------|------------------|
| EXN/038/C | 3/8 | EX/038/C | 3/8 | EXS/038/C | 3/8 |
| EXN/050/C | 1/2 | EX/050/C | 1/2 | EXS/050/C | 1/2 |
| EXN/075/C | 3/4 | EX/075/C | 3/4 | EXS/075/C | 3/4 |
| EXN/100/C | 1 | EX/100/C | 1 | EXS/100/C | 1 |
| EXN/125/C | 1 1/4 | EX/125/C | 1 1/4 | EXS/125/C | 1 1/4 |
| EXN/150/C | 1 1/2 | EX/150/C | 1 1/2 | EXS/150/C | 1 1/2 |
| EXN/200/C | 2 | EX/200/C | 2 | EXS/200/C | 2 |
| EXN/250/C | 2 1/2 | EX/250/C | 2 1/2 | EXS/250/C | 2 1/2 |

Ex e 排液阀

Ex e 排液装置



DV 系列 - Ex e 金属排液阀

特性和优点:

- 增安型 Ex e
- 适用于 1、2、21 和 22 区
- 可将使水或冷凝水从机柜内排出

| 批准及认证 | 合规性 符合: | 温度范围 | |
|-------|-----------------------------|---------------------------------|-------|
| | | -60°C 到 +200°C (-76°F 到 +392°F) | |
| | IMQ 15 ATEX 012U, IECEx IMQ | Ex II 2 GD | |
| | | Ex e IIC Gb | IP 等级 |
| | | Ex tb IIIC Db | 材料 |
| | | IP66 | 镀镍黄铜 |
| | | | 不锈钢 |

尺寸

| 公制螺纹 | 部件编号 | 螺纹 | 标称尺寸 (mm/in) | | | |
|------|------------|----------|---------------|---------------|---------------|---------------|
| | | | 长度 | H 最小 | QA | CH |
| | EXN/M20/DV | M20 | 15.0 0.590 | 31.0 1.220 | 17.0 0.669 | 25.0 0.984 |
| | EXN/M25/DV | M25 | 15.0 0.590 | 31.0 1.220 | 17.0 0.669 | 32.0 1.259 |
| | EXN/050/DV | 1/2" NPT | 16.0 0.629 | 32.0 1.259 | 17.0 0.669 | 25.0 0.984 |
| | EXN/075/DV | 3/4" NPT | 16.0 0.629 | 32.0 1.259 | 17.0 0.669 | 32.0 1.259 |
| | EXS/M20/DV | M20 | 15.0 0.590 | 31.0 1.220 | 17.0 0.669 | 25.0 0.984 |
| | EXS/M25/DV | M25 | 15.0 0.590 | 31.0 1.220 | 17.0 0.669 | 32.0 1.259 |
| | EXS/050/DV | 1/2" NPT | 16.0 0.629 | 32.0 1.259 | 17.0 0.669 | 25.0 0.984 |
| | EXS/075/DV | 3/4" NPT | 16.0 0.629 | 32.0 1.259 | 17.0 0.669 | 32.0 1.259 |



配件

类型 LNB / LNS / LNP 和 SW

—
类型 LNB / LNS - 金属锁固螺母

| 部件编号 | 部件编号 | 部件编号 | | | | |
|-----------|-----------|---------|--------|----------|---------------|---------|
| 金属螺纹 | 镀镍黄铜 | 镀锌钢 | PG螺纹 | 镀镍黄铜 | NPT螺纹 (in) | 钢 |
| M12 x 1.0 | LNB/M12X1 | | PG7 | LNB/PG7 | 3/8 | LNS/038 |
| M12 x 1.5 | LNB/M12 | | PG9 | LNB/PG9 | 1/2 | LNS/050 |
| M16 | LNB/M16 | LNS/M16 | PG11 | LNB/PG11 | 3/4 | LNS/075 |
| M20 | LNB/M20 | LNS/M20 | PG13.5 | LNB/PG13 | 1 | LNS/100 |
| M25 | LNB/M25 | LNS/M25 | PG16 | LNB/PG16 | 11/4 | LNS/125 |
| M32 | LNB/M32 | LNS/M32 | PG21 | LNB/PG21 | 11/2 | LNS/150 |
| M40 | LNB/M40 | | PG29 | LNB/PG29 | | |
| M50 | LNB/M50 | | PG36 | LNB/PG36 | | |
| M63 | LNB/M63 | | PG42 | LNB/PG42 | | |
| M75 | LNB/M75 | | PG48 | LNB/PG48 | | |

—
类型 LNP - 非金属锁固螺母

| 部件编号 | 部件编号 | | | | |
|------|----------|----------|------|-----------|-----------|
| 公制螺纹 | 黑色 | 灰色 | PG螺纹 | 黑色 | 灰色 |
| M12 | LNPB/M12 | - | PG7 | LNPB/PG7 | LNPG/PG7 |
| M16 | LNPB/M16 | LNPB/M16 | PG9 | LNPB/PG9 | LNPG/PG9 |
| M20 | LNPB/M20 | LNPG/M20 | PG11 | LNPB/PG11 | LNPG/PG11 |
| M25 | LNPB/M25 | LNPG/M25 | PG13 | LNPB/PG13 | LNPG/PG13 |
| M32 | LNPB/M32 | LNPG/M32 | PG16 | LNPB/PG16 | LNPG/PG16 |
| M40 | LNPB/M40 | LNPG/M40 | PG21 | LNPB/PG21 | LNPG/PG21 |
| M50 | LNPB/M50 | LNPG/M50 | PG29 | LNPB/PG29 | LNPG/PG29 |
| M63 | LNPB/M63 | LNPG/M63 | PG36 | LNPB/PG36 | LNPG/PG36 |
| | | | PG42 | LNPB/PG42 | LNPG/PG42 |
| | | | PG48 | LNPB/PG48 | LNPG/PG48 |

—
类型 SW - 螺纹密封垫圈

| 部件编号 | 部件编号 | 部件编号 | NPT & PF 螺纹 (in) | 部件编号 |
|------|--------|--------|------------------|-------|
| 公制螺纹 | PG螺纹 | 部件编号 | | |
| M12 | SWM12* | SWPG07 | 3/8 | SW038 |
| M16 | SWM16 | SWPG09 | 1/2 | SW050 |
| M20 | SWM20 | SWPG11 | 3/4 | SW075 |
| M25 | SWM25 | SWPG13 | 1 | SW100 |
| M32 | SWM32 | SWPG16 | 11/4 | SW125 |
| M40 | SWM40 | SWPG21 | 11/2 | SW150 |
| M50 | SWM50 | SWPG29 | 2 | SW200 |
| M63 | SWM63 | SWPG36 | | |
| | | PG42 | | |
| | | PG48 | | |

配件

对接头、锯齿垫圈和接地片

黄铜内螺纹对接头

| 公制螺纹 | 部件编号 |
|------|---------|
| M16 | B/M16/C |
| M20 | B/M20/C |
| M25 | B/M25/C |
| M32 | B/M32/C |
| M40 | B/M40/C |
| M50 | B/M50/C |
| M63 | B/M63/C |
| M75 | B/M75/C |

锯齿垫圈

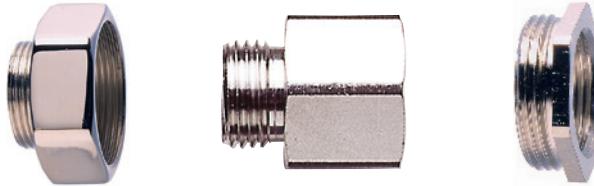
| 部件编号 | 公制螺纹尺寸 (mm) | 直径 (mm) | |
|------------|-------------|---------|------|
| | | 内部 | 外部 |
| EX/M16/SER | M16 | 17.5 | 28.0 |
| EX/M20/SER | M20 | 21.9 | 33.0 |
| EX/M25/SER | M25 | 26.2 | 40.0 |
| EX/M32/SER | M32 | 33.0 | 48.1 |
| EX/M40/SER | M40 | 41.5 | 60.2 |
| EX/M53/SER | M50 | 51.5 | 70.0 |
| EX/M63/SER | M63 | 64.6 | 86.8 |

接地片 - 公制

| 部件编号 | 直径 (mm) | | |
|------------|-------------|-------------|-------------|
| | A | B | C |
| EX/M16/TAG | 16.2 / 16.5 | 6.5 / 7.0 | 28.0 / 28.5 |
| EX/M20/TAG | 20.2 / 20.5 | 6.5 / 7.0 | 28.0 / 28.5 |
| EX/M25/TAG | 25.2 / 25.7 | 6.1 / 6.6 | 30.5 / 31.0 |
| EX/M32/TAG | 32.2 / 32.8 | 12.2 / 12.7 | 40.0 / 40.5 |
| EX/M40/TAG | 40.2 / 40.7 | 13.0 / 13.5 | 45.0 / 45.5 |
| EX/M50/TAG | 51.0 / 51.5 | 13.0 / 13.5 | 58.0 / 58.5 |
| EX/M63/TAG | 63.7 / 64.2 | 13.0 / 13.5 | 65.0 / 65.5 |
| EX/M75/TAG | 76.4 / 76.9 | 13.0 / 13.5 | 75.5 / 76.0 |

配件

类型 E、R 和 TC



—
类型 E / 类型 R / 类型 C - 增径头、减径头和转换头

| 外螺纹 | 至 PG7 内螺纹 | 至 PG9 内螺纹 | 至 PG11 内螺纹 | 至 PG13.5 内螺纹 | 至 PG16 内螺纹 | 至 PG21 内螺纹 |
|--------|--------------|--------------|---------------|-----------------|---------------|---------------|
| M16 | B/M16-PG7/TC | B/M16-PG9/TC | B/M16-PG11/TC | | | |
| M20 | B/M20-PG7/TC | B/M20-PG9/TC | B/M20-PG11/TC | B/M20-PG13/TC | B/M20-PG16/TC | B/M20-PG21/TC |
| M25 | | | | | | B/M25-PG21/TC |
| M32 | | | | | | |
| M40 | | | | | | |
| M50 | | | | | | |
| PG7 | | B/PG7-PG9/E | | | | |
| PG9 | B/PG9-PG7/R | | B/PG9-PG11/E | B/PG9-PG13/E | | |
| PG11 | B/PG11-PG7/R | B/PG11-PG9/R | | B/PG11-PG13/E | B/PG11-PG16/E | |
| PG13.5 | B/PG13-PG7/R | B/PG13-PG9/R | B/PG13-PG11/R | | B/PG13-PG16/E | B/PG13-PG21/E |
| PG16 | B/PG16-PG7/R | B/PG16-PG9/R | B/PG16-PG11/R | B/PG16-PG13/R | | B/PG16-PG21/E |
| PG21 | | | B/PG21-PG11/R | B/PG21-PG13/R | B/PG21-PG16/R | |
| PG29 | | | | | B/PG29-PG16/R | B/PG29-PG21/R |
| PG36 | | | | | | B/PG36-PG21/R |
| PG42 | | | | | | |
| PG48 | | | | | | |

| 外螺纹 | 至 M10 内螺纹 | 至 M12 内螺纹 | 至 M16 内螺纹 | 至 M20 内螺纹 | 至 M25 内螺纹 | 至 M32 内螺纹 |
|--------|--------------|--------------|---------------|---------------|---------------|---------------|
| M16 | | B/M16-M12/R | | B/M16-M20/E | | |
| M20 | B/M20-M10/R | B/M20-M12/R | B/M20-M16/R | | B/M20-M25/E | |
| M25 | | | | B/M25-M20/R | | B/M25-M32/E |
| M32 | | | | | B/M32-M25/R | |
| M40 | | | | | | B/M40-M32/R |
| M50 | | | | | | |
| PG7 | | | B/PG7-M16/TC | B/PG7-M20/TC | | |
| PG9 | | | B/PG9-M16/TC | B/PG9-M20/TC | | |
| PG11 | | | B/PG11-M16/TC | B/PG11-M20/TC | | |
| PG13.5 | | | B/PG13-M16/TC | B/PG13-M20/TC | | |
| PG16 | | | B/PG16-M16/TC | B/PG16-M20/TC | B/PG16-M25/TC | |
| PG21 | | | B/PG21-M16/TC | B/PG21-M20/TC | B/PG21-M25/TC | B/PG21-M32/TC |
| PG29 | | | | B/PG29-M20/TC | B/PG29-M25/TC | B/PG29-M32/TC |
| PG36 | | | | | | B/PG36-M32/TC |
| PG42 | | | | | | |
| PG48 | | | | | | |
| | | | B/050-M16/TC | B/050-M20/TC | | |

配件

Boots



长型

| 部件编号 | 直径 | | 高度 | |
|------|-------|-------|-------|-------|
| | (mm) | (in) | (mm) | (in) |
| BT01 | 29.1 | 1.146 | 67.0 | 2.638 |
| BT02 | 31.7 | 1.248 | 68.0 | 2.677 |
| BT03 | 35.2 | 1.386 | 76.6 | 3.016 |
| BT04 | 37.2 | 1.465 | 78.6 | 3.094 |
| BT05 | 44.2 | 1.74 | 81.6 | 3.213 |
| BT06 | 57.2 | 2.252 | 112.0 | 4.409 |
| BT07 | 66.2 | 2.606 | 117.1 | 4.61 |
| BT08 | 82.2 | 3.236 | 132.6 | 5.22 |
| BT09 | 83.2 | 3.276 | 132.6 | 5.22 |
| BT10 | 89.7 | 3.531 | 148.0 | 5.827 |
| BT11 | 94.2 | 3.709 | 143.8 | 5.661 |
| BT12 | 110.6 | 4.354 | 182.7 | 7.193 |

短型

| 部件编号 | 直径 | | 高度 | |
|-------|-------|-------|-------|-------|
| | (mm) | (in) | (mm) | (in) |
| BTS01 | 24.5 | 0.965 | 56.1 | 2.209 |
| BTS02 | 31.0 | 1.22 | 67.5 | 2.657 |
| BTS03 | 39.0 | 1.535 | 72.6 | 2.858 |
| BTS04 | 49.5 | 1.949 | 91.7 | 3.61 |
| BTS05 | 56.1 | 2.209 | 88.0 | 3.465 |
| BTS06 | 61.0 | 2.402 | 88.0 | 3.465 |
| BTS07 | 70.1 | 2.76 | 93.9 | 3.697 |
| BTS08 | 74.9 | 2.949 | 95.5 | 3.76 |
| BTS09 | 89.0 | 3.504 | 108.6 | 4.276 |
| BTS10 | 105.0 | 4.134 | 126.3 | 4.972 |
| BTS11 | 117.0 | 4.606 | 163.5 | 6.437 |

| 至 PG29 内螺纹 | 至 PG36 内螺纹 | 至 PG42 内螺纹 | 至 PG48 内螺纹 |
|---------------|-------------------|---------------|---------------|
| B/M32-PG29/TC | | | |
| | | | |
| | | | |
| | | | |
| B/PG21-PG29/E | B/PG29-PG36/E | | |
| B/PG36-PG29/R | B/PG36-PG42/E | B/PG36-PG48/E | |
| B/PG42-PG29/R | B/PG42-PG36/R | B/PG42-PG48/E | |
| B/PG48-PG36/R | B/PG48-PG42/R | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 至 M40 内螺纹 | 至 1/2" NPT 内螺纹 | | |
| B/M20-050/TC | | | |
| | | | |
| B/M50-M40/R | | | |
| | | | |
| B/PG11-050/TC | | | |
| B/PG16-050/TC | | | |
| | | | |
| B/PG29-M40/TC | | | |
| B/PG36-M40/TC | | | |
| | | | |

认证和标准：

全球指南



非洲、澳洲、亚洲 (IECEx)



加拿大 (CSA 和 IECEx)



南美洲 (UL 和 IECEx)



欧洲 (ATEX 和 IECEx)



美国、墨西哥 (UL)



巴西 (InMetro)



俄罗斯 (EAC 和 EAC Ex)

其他地区 (混合采用,
并采用当地标准)

世界标准

| 地区 | 基本电气 标准规范 | 基本标准 | 符号 | 危险区域标准 | 符号 |
|-----|--------------|------------------------|-----|-------------------------------|-------|
| 欧洲 | IEC | IEC/EN 62444 - 电缆格兰 | CE | IEC/EN 60079-0 - 一般要求 | EX |
| | | IEC/EN 61386 - 套管系统 | | IEC/EN 60079-1 - 防火设备 | |
| | | IEC/EN 60529 - 侵入防护 | | IEC/EN 60079-7 - 增安型 | |
| US | NEC | UL514B - 接头 | UL | IEC/EN 60079-31 - 防尘外壳 | IECEx |
| | | UL360 - 电气套管 | | UL2225 -xxxx | |
| | | UL1696 - 保护管 | | UL1203 - xxxx | |
| 加拿大 | CEC | CSA C22.2-18.3 - 接头 | CSA | CSA C22.2-25 -30 -174 -94 | CSA |
| | | CSA C22.2-54-04 - 电气套管 | | CSA C22.2/IEC 60079-0 - 一般要求 | |
| | | CSA C22.2-227.3 - 保护管 | | CSA C22.2/IEC 60079-1 - 防火设备 | |
| | | | | CSA C22.2/IEC 60079-7 - 增安型 | |
| | | | | CSA C22.2/IEC 60079-31 - 防尘外壳 | |



世界标准

| 地区 | 基本电气 标准规范 | 基本标准 | 符号 | 危险区域标准 | 符号 |
|-----|--------------|---------------------------|---------|--|---|
| 俄罗斯 | IEC | IEC/EN 62444 - 电缆格兰 | EAC | ГОСТ Р МЭК 60079-0 - 一般要求 | |
| | | IEC/EN 61386 - 套管系统 | | ГОСТ Р МЭК 60079-7 - 增安型 | EAC Ex |
| | | IEC/EN 60529 - 侵入防护 | | ГОСТ Р МЭК 60079-31 - 防尘外壳 |  |
| 巴西 | IEC | ABNT NBR IEC 62444 - 电缆格兰 | InMetro | ГОСТ ИЕС 60079-1 - 防火设备 | |
| | | ABNT NBR IEC 61386 - 套管系统 | | ABNT NBR IEC 60079-0 - 一般要求 | |
| | | ABNT NBR IEC 60529 - 侵入防护 | | ABNT NBR IEC 60079-1 - 防火设备 | InMetro |
| 中国 | IEC | IEC/EN 62444 - 电缆格兰 | INMETRO | ABNT NBR IEC 60079-7 - 增安型 (Segurança) | |
| | | IEC/EN 61386 - 套管系统 | | ABNT NBR IEC 60079-31 - 防尘外壳 |  |
| | | IEC/EN 60529 - 侵入防护 | | GB3836.1 - 一般要求 | |
| | | | | GB3836.2 - 防火设备 | CNEX |
| | | | | GB3836.3 - 增安型 |  |
| | | | | GB12476.1 - 一般防尘要求 | PCEC |
| | | | | GB12476.5 - 防尘外壳 |  |

防侵入保护指数

IEC 60529 IP 等级和 NEMA 250 外壳

IP 适用性等级是用于对电气设备外壳提供的保护程度进行分类的体系。

防固体侵入保护

防止人员进入外壳内部的危险部分和/或防止固体异物侵入的保护程度。

防水保护

防止外壳内部的设备进水而造成损坏的保护程度。

| | | | | | |
|--|---|--------------------------|--|---|---|
| | 0 | 无保护 | | 0 | 无保护 |
| | 1 | 超过 50 mm 的物体, 手部意外接触 | | 1 | 防垂直坠落的水滴 |
| | 2 | 超过 12 mm 的物体, 手指意外接触 | | 2 | 防从上方 15° 角度喷射的水 |
| | 3 | 超过 2.5 mm 的物体, 例如工具/钢丝 | | 3 | 防垂直方向 60° 范围内喷射的水 |
| | 4 | 超过 1 mm 的物体, 例如工具/钢丝/细钢丝 | | 4 | 防所有方向喷射的水 - 允许有限侵入 |
| | 5 | 防粉尘 - 有限侵入 (无有害积尘) | | 5 | 防所有方向低压喷射的水 - 允许有限侵入 |
| | 6 | 全面防粉尘 (尘密性) | | 6 | 防高压喷射的水和海浪击打 - 允许有限侵入 |
| | | | | 7 | 针对浸水 15cm - 1m 深度的防护 |
| | | | | 8 | 针对长时间浸水且压力稳定环境的防护例如 2 巴下 24 小时 |
| | | | | 9 | IP69 等级车辆标准 DIN40050 标明能够防护任何角度喷射的高压喷水 (不超过 80 巴) |

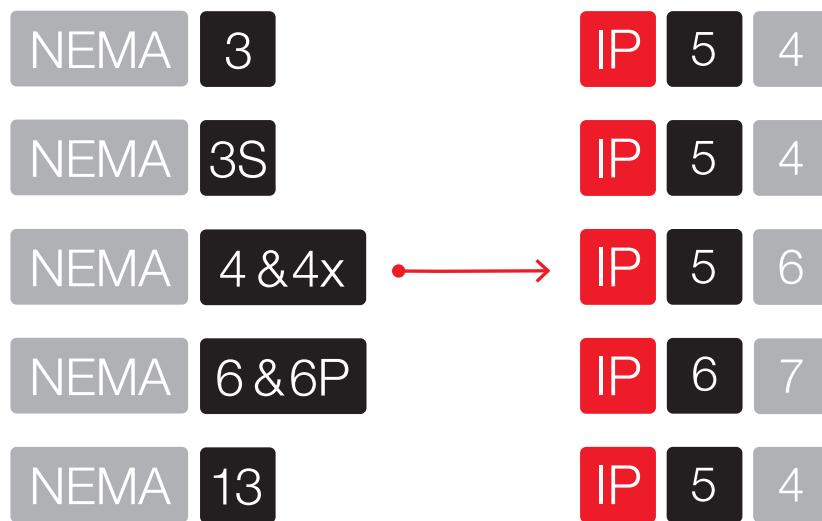
—
01 IP 等级
数值越高, 保护程度越强; 仅适用于正确安装的设备。



—
NEMA 外壳类型等级与 IEC 60529 外壳分级代号 (IP) 的转换
(无法用于分级代号向 NEMA 类型等级的转换)

| IP 1st Character | 1 | 2 | 3, 3X, 3S, 3SX | 3R, 3RX | 4,4X | 5 | 6 | 6P | 12, 12K, 13 | IP 第二个字符 |
|---------------------|---|---|-------------------|------------|------|---|---|----|----------------|-------------|
| IP0_ | | | | | | | | | | IP0_0 |
| IP1_ | | | | | | | | | | IP0_1 |
| IP2_ | | | | | | | | | | IP0_2 |
| IP3_ | | | | | | | | | | IP0_3 |
| IP4_ | | | | | | | | | | IP0_4 |
| IP5_ | | | | | | | | | | IP0_5 |
| IP6_ | | | | | | | | | | IP0_6 |
| | A | B | A | B | A | B | A | B | A | B |
| | | | | | | | | | | IP0_7 |
| | | | | | | | | | | IP0_8 |

—
NEMA 250 到 IEC 60529



标准、区域定义和产品标志

IEC - 分组和区域系统

危险区域分类

| 危险区域分类 | 说明 | ATEX | | | 设备用途 |
|--------|------|------|----|-----|------------------------------------|
| | | 分组 | 类别 | EPL | |
| 矿业 | 带电 | I | M1 | Ma | |
| | 不带电 | I | M2 | Mb | |
| 气体环境 | 0 区 | II | 1G | Ga | ATEX 设备类别 1G, 设备防护水平 Ga |
| | 1 区 | II | 2G | Gb | ATEX 设备类别 2G 或更高, 设备防护水平 Gb 或更高 |
| | 2 区 | II | 3G | Gc | ATEX 设备类别 3G, 设备防护水平 Gc 或更高 |
| 粉尘环境 | 20 区 | II | 1D | Da | ATEX 设备类别 1D, 设备防护水平 Da |
| | 21 区 | II | 2D | Db | ATEX 设备类别 2D 或更高, 设备防护水平 Db 或更高 |
| | 22 区 | II | 3D | Dc | ATEX 设备类别 3D 或更高, 设备防护水平 Dc 或更高 |

气体和粉尘分组

| 分组 | 典型 | 示例 |
|------|----------|---------------|
| 矿业 | 甲烷 (仅矿业) | |
| 气体 | IIA | 丙烷 氨气、甲烷汽油、丁烷 |
| | IIB | 乙烯 民用煤气、丙烯腈 |
| | IIB+H2 | 乙烯 民用煤气、丙烯腈 |
| | IIC | 氢气、p乙炔 二硫化碳 |
| 粉尘环境 | IIIA | 可燃扬尘 木屑 |
| | IIIB | 非导电粉尘 锯屑、粉尘 |
| | IIIC | 导电粉尘 金属粉尘 |

温度等级

| 等级* | 表面温度 |
|-----|-------|
| T1 | 450°C |
| T2 | 300°C |
| T3 | 200°C |
| T4 | 135°C |
| T5 | 100°C |
| T6 | 85°C |

* 温度等级根据设备正常使用情况下表面的最高温度确定。

—
保护方式

| 保护方式 | 主要 | 保护类型 | EN/IEC 标准 | 子级方式 | 气体区域 | 粉尘区域 |
|-------|-------|-----------------------------|-----------|----------------------------------|-----------------------|-------------------------------|
| 按外壳区分 | Ex d | 防火 | 60079-1 | Ex db Ex dc | 1 2 | - |
| | Ex t | 防尘 | 60079-31 | Ex ta Ex tb Ex tc | - - - | 20 21 22 |
| 按禁区区分 | Ex p | 加压 | 60079-2 | Ex pxb Ex pyb Ex pzc | 1 1 2 | 21/22 |
| | Ex m | 封装 | 60079-18 | Ex ma Ex mb Ex mc | 0 1 2 | 20 21 22 |
| | Ex o | 油浸 | 60079-6 | Ex ob | 1 | - |
| | Ex q | 粉末填充 | 60079-5 | Ex qb | 1 | - |
| 按设备区分 | Ex i | 本安型 | 60079-11 | Ex ia Ex ib Ex ic | 0 1 2 | 20 21 22 |
| | Ex op | 光辐射 | 60079-28 | Ex op is Ex op pr Ex op sh | 0/1/2 1/2 0/1/2 | 20/21/22 21/22 20/21/22 |
| | Ex e | 增安型 | 60079-7 | Ex eb Ex ec | 1 2 | - |
| | Ex n | 无火花 限制能量 限制通气 密闭通气 | 60079-15 | Ex nA Ex nL Ex nR Ex nC | 2 | - |

标准、区域定义和产品标志

区域定义 - 陆上气体和蒸气

0 区

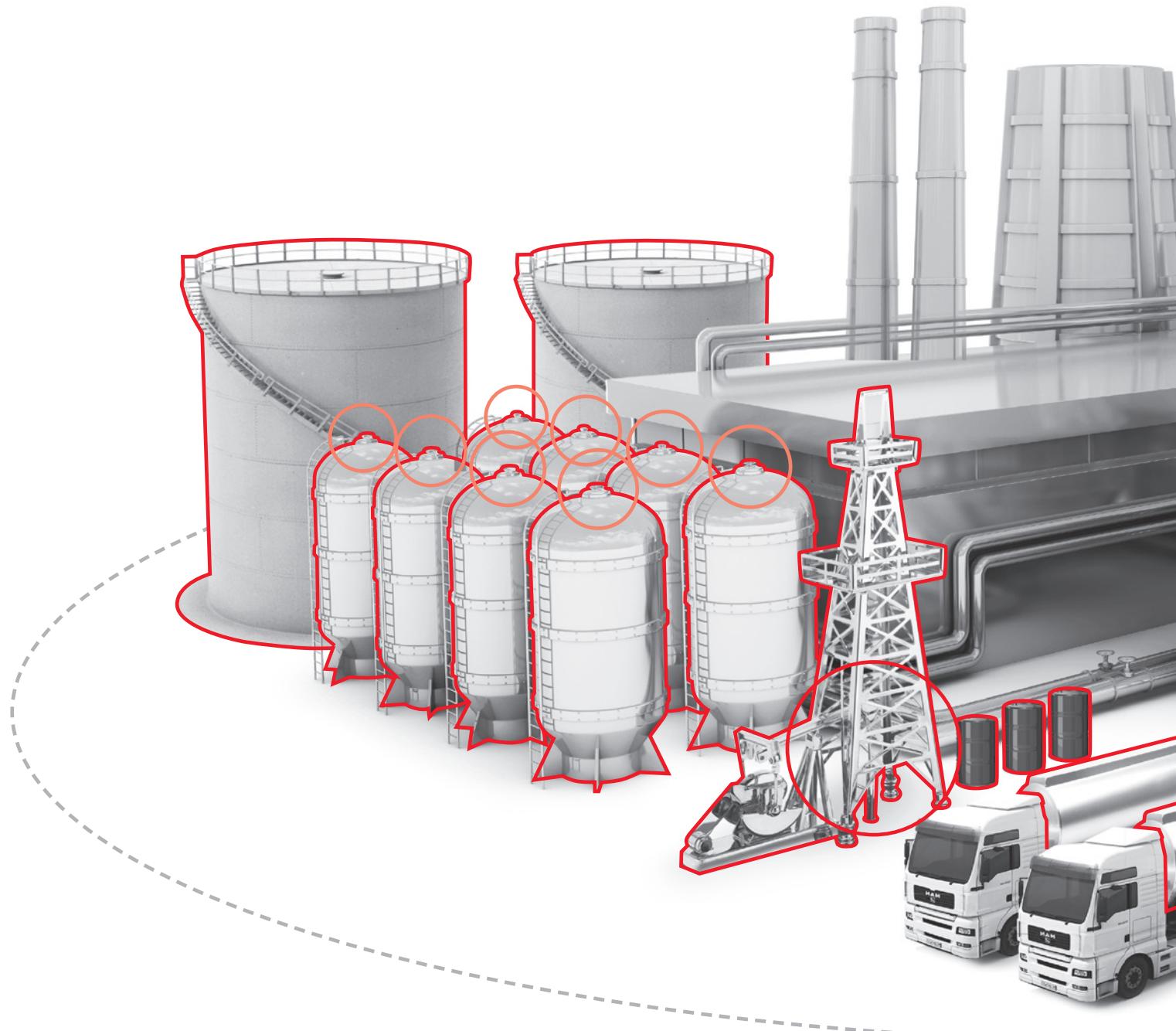
始终/经常

由气体、蒸气或气雾形态的易燃物质与空气的混合物构成的爆炸性环境长期或经常存在的场所。

1 区

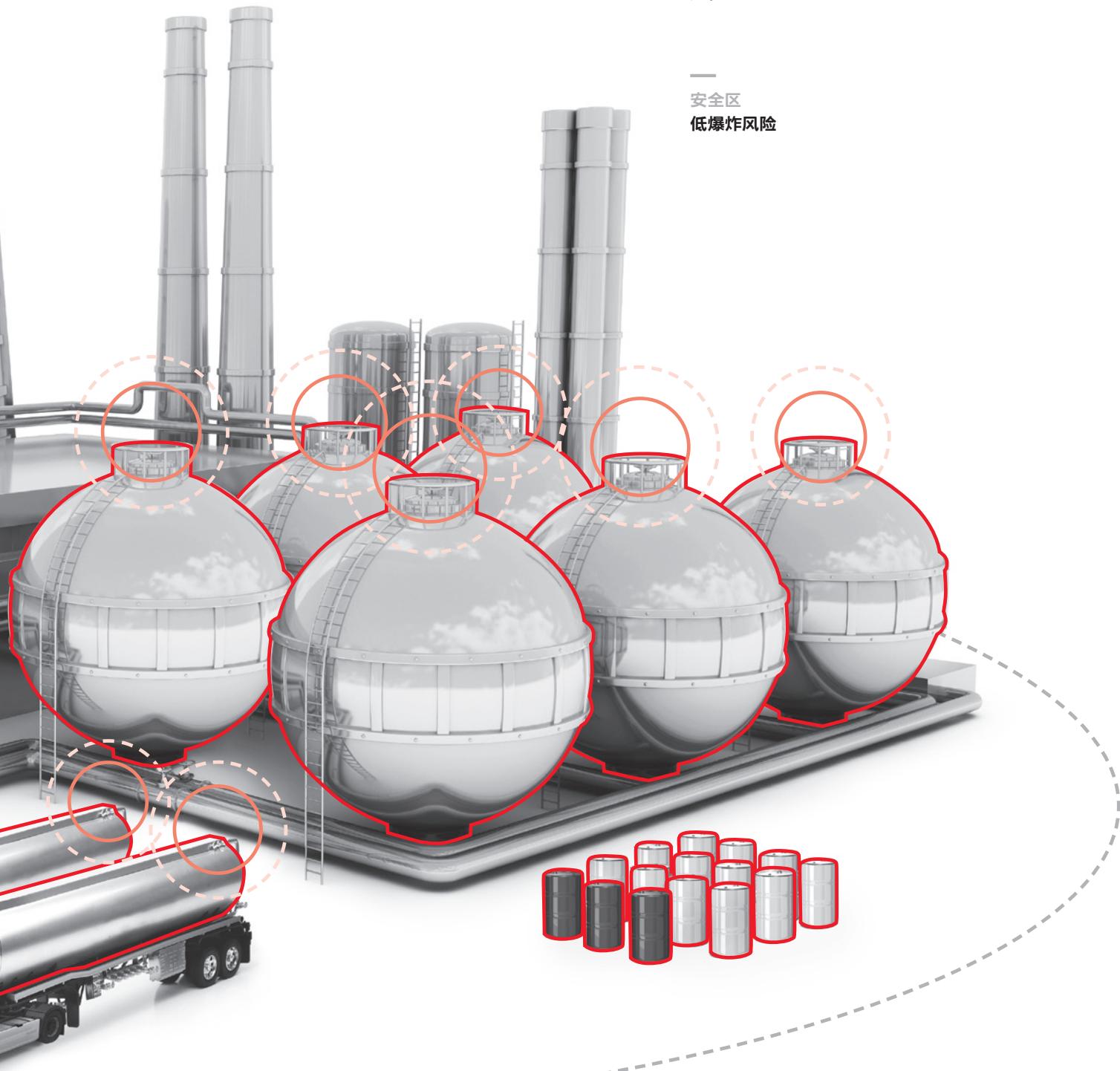
偶尔

在正常运行期间, 可能偶尔会产生由气体、蒸气或气雾形态的不易燃物质与空气的混合物构成的环境的地点。



2 区**不定期/短期存在气体**

在由气体、蒸气或气雾形态的易燃物质构成的危险环境的地点，不会产生爆炸，如果确实产生，持续时间将很短。

安全区**低爆炸风险**

标准、区域定义和产品标志

区域定义 - 近海气体和蒸气

0 区

始终/经常

由气体、蒸气或气雾形态的易燃物质与空气的混合物构成的爆炸性环境长期或经常存在的场所。

安全区

低爆炸风险

1 区

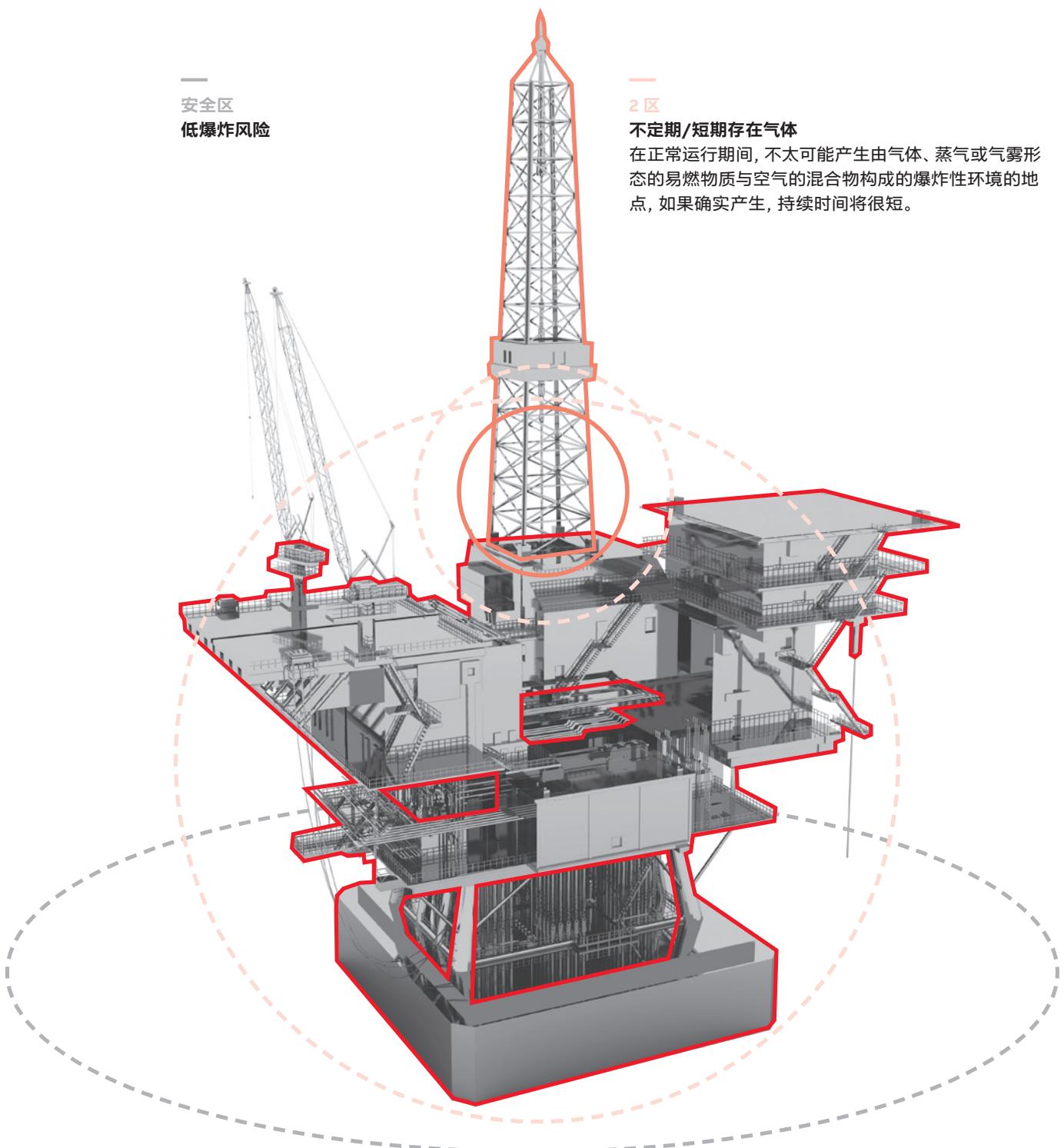
偶尔

在正常运行期间, 可能偶尔会产生由气体、蒸气或气雾形态的易燃物质与空气的混合物构成的环境的地点。

2 区

不定期/短期存在气体

在正常运行期间, 不太可能产生由气体、蒸气或气雾形态的易燃物质与空气的混合物构成的爆炸性环境的地点, 如果确实产生, 持续时间将很短。



标准、区域定义和产品标志

区域定义 - 粉尘

20 区

始终/经常

由空气中的大团可燃粉尘构成的爆炸性环境连续、长期或经常性存在的区域。

Zone 20

不定期/短期存在粉尘

在正常运行期间, 不太可能产生由空气中的大团可燃粉尘构成的爆炸性环境的区域, 如果确实产生, 仅持续很短时间。

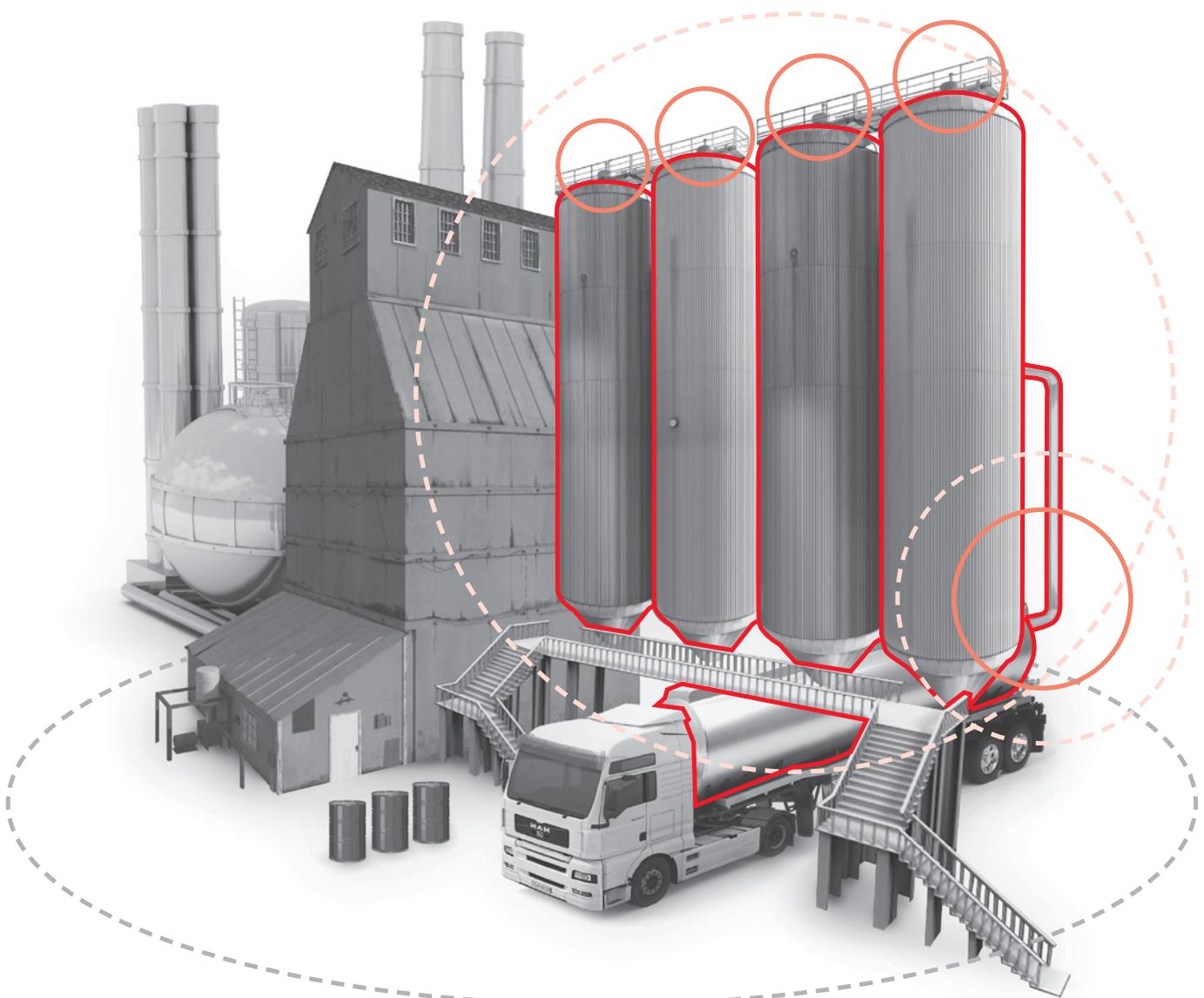
21 区

偶尔

在正常运行期间, 偶尔产生由空气中的大团可燃粉尘构成的爆炸性环境的区域。

安全区

无爆炸风险



标准、区域定义和产品标志

NEC - 分类和分区系统

危险区域分类

| 危险区域分类 | | | 说明 | 设备用途 | 对比 |
|---------|------|-----|---|---------------------------|--------------|
| 矿业 | | | 未包含在 NEC 中。 见 MSHA 中的矿业设备和安全标准特殊要求。 | | |
| 气体环境 | I类 | 1 区 | 1.正常运行条件下可能存在可燃浓度的气体。 2.由于维修、维护和泄漏, 可能会存在可燃浓度的气体。 3.设备停机或故障可能导致可燃气体释放以及由于电气设备故障造成的着火源。 | I类 1 区 | 0 区 1 区 |
| | 2 区 | | 1.气体通常被限制在封闭的容器或封闭的系统内, 出现意外破裂、停机或故障等情况时需要释放。 2.通过主动压力通风装置预防出现可燃浓度气体的区域。 3.靠近 I 类 1 区这种可能偶尔出现可燃浓度气体区域的区域。 | I类 1 区 和 I类 2 区 | 2 区 |
| 粉尘环境 | II类 | 1 区 | 1.正常运行条件下, 空气中可燃粉尘足以产生爆炸性或可燃性混合物。 2.机械故障或操作异常可能同时产生可燃混合物以及电气火源。 3.可能存在足量的 E 组可燃粉尘。 | II类 1 区 | 20 区 21 区 |
| | 2 区 | | 1.由于异常操作导致空气中出现可燃粉尘, 其数量足以产生爆炸性或可燃性混合物。 2.由于设备故障导致空气中出现大量的粉尘积聚和悬浮。 3.由于电气设备过热、异常操作或故障导致出现引燃粉尘的点火源。 | II类 1 区 和 II类 2 区 | 22 区 |
| 纤维和扬尘环境 | III类 | 1 区 | 处理、制造或使用极其易燃的纤维和扬尘 | III类 1 区 | 20 区 21 区 |
| | 2 区 | | 非生产过程中存储或处理的极其易燃的纤维和扬尘 | III类 1 区 和 III类 2 区 | 22 区 |

标准、区域定义和产品标志

NEC - 分类和分区系统

气体和粉尘分组

| 分组 | | 典型 | 示例 |
|-------|-----|----------------------------------|-------------------------|
| 气体 | A | 乙炔 | 乙炔是 A 组中的唯一气体 |
| | B | 氢气 丙烯醛、丁二烯、环氧乙烷、甲醛(气体)、工艺气体、硝酸丙酯 | |
| | C | 乙烯 | 乙醛、二乙醚、硫化氢 |
| | D | 丙烷 | 丙烯腈、氨、丁烷、燃料油 1、汽油、庚烷、甲烷 |
| 粉尘 | E | 可燃金属粉尘 | 铝、镁 |
| | F | 含有超过 8% 总挥发物的可燃含碳粉尘 | 煤、炭黑、木炭、焦炭 |
| | G | 可燃粉尘不包含在 E 组和 F 组中 | 面粉、谷物、木材(锯屑)、塑料、化学品 |
| 纤维和扬尘 | 无分组 | 纤维/扬尘(大粉尘)悬浮颗粒物未达可燃数量 | 木屑、人造丝、棉花 |

| 保护方式 | 技术(类型) | ANSI(UL)/CSA 标准 | | I类 | II类 | III类 |
|-------|--|---------------------|-------------|-------|-------|-------|
| 按外壳区分 | 防爆 | ANSI / UL 1203 | UL 60079-1 | 1 或 2 | | |
| | 防粉尘燃烧 | ANSI / UL 1203 | UL 60079-31 | | 1 或 2 | |
| 按禁区区分 | 吹扫、加压 | ANSI/NFPA 496 | UL 60079-2 | 1 或 2 | 1 或 2 | 1 或 2 |
| 按设备区分 | 本质安全* | ANSI/UL 913 | UL 60079-11 | 1 或 2 | 1 或 2 | 1 或 2 |
| | 非易燃(电路、设备、组件) | ANSI / ISA-12.12.01 | UL 60079-15 | 2 | 2 | 1 或 2 |
| | 油浸 | | UL 60079-6 | 2 | | |
| | 严密封 | ANSI / ISA-12.12.01 | UL 60079-18 | 2 | 2 | 1 或 2 |
| | 可燃气体探测系统 ANSI/UL 2075; ANSI/ISA-60079-29-1 | UL 60079-29 | | 1 或 2 | | |
| | 增安型 | | UL 60079-7 | 1 或 2 | | |

螺纹参数

公制螺纹参数

标准螺纹, 满足 EN60423 和 BS3643 要求

| 螺纹 Size | 外螺纹 外部直径 (mm) | 内螺纹 内部直径 (mm) | 螺距 (mm) |
|------------|------------------|------------------|------------|
| M8 | 8 | 6.9 | 1 |
| M10 | 10 | 8.9 | 1 |
| M12 | 12 | 10.9 | 1 |
| M12 | 12 | 10.4 | 1.5 |
| M16 | 16 | 14.4 | 1.5 |
| M18 | 18 | 16.9 | 1 |
| M20 | 20 | 18.4 | 1.5 |
| M25 | 25 | 23.4 | 1.5 |
| M30 | 30 | 28.4 | 1.5 |
| M32 | 32 | 30.4 | 1.5 |
| M40 | 40 | 38.4 | 1.5 |
| M50 | 50 | 48.4 | 1.5 |
| M63 | 63 | 61.4 | 1.5 |
| M75 | 75 | 73.4 | 1.5 |

注: 尺寸均为标称尺寸

PF 螺纹参数

日本套管螺纹满足 JIS B 0202 要求

| 螺纹 Size | 外螺纹 外部直径 (mm) | 内螺纹 内部直径 (mm) | 螺距 (mm) |
|------------|------------------|------------------|------------|
| 1/4" | 13 | | 1.34 |
| 3/8" | 16.7 | 15.0 | 1.34 |
| 1/2" | 21.0 | 18.6 | 1.81 |
| 3/4" | 26.4 | 24.1 | 1.81 |
| 1" | 33.3 | 30.3 | 2.31 |
| 1 1/4" | 41.9 | 39.0 | 2.31 |
| 1 1/2" | 47.8 | 44.8 | 2.31 |
| 2" | 59.6 | 56.7 | 2.31 |

注: 尺寸均为标称尺寸

NPT 螺纹参数

美国圆锥密封管螺纹满足 ANSI/ASME B1.20.1 - 1983 要求

| 螺纹 Size | 外螺纹 外部直径 (mm) | 螺距 (mm) |
|------------|------------------|------------|
| 3/8" | 16.7 | |
| 1/2" | 21.0 | 1.81 |
| 3/4" | 26.4 | 1.81 |
| 1" | 33.3 | 2.21 |
| 1 1/4" | 41.9 | 2.21 |
| 1 1/2" | 47.8 | 2.21 |
| 2" | 59.6 | 2.21 |

注: 尺寸均为标称尺寸

PG 螺纹参数

德国标准螺纹满足 DIN40430 要求

| 螺纹 Size | 外螺纹 外部直径 (mm) | 内螺纹 内部直径 (mm) | 螺距 (mm) |
|------------|------------------|------------------|------------|
| PG7 | 12.5 | 11.3 | 1.27 |
| PG9 | 15.2 | 13.9 | 1.41 |
| PG11 | 18.6 | 17.3 | 1.41 |
| PG13,5 | 20.4 | 19.1 | 1.41 |
| PG16 | 22.5 | 21.2 | 1.41 |
| PG21 | 28.3 | 26.8 | 1.59 |
| PG29 | 37 | 35.5 | 1.59 |
| PG36 | 47 | 45.5 | 1.59 |
| PG42 | 54 | 52.5 | 1.59 |
| PG48 | 59.3 | 57.8 | 1.59 |

注: 尺寸均为标称尺寸

UNEF / UNS 螺纹参数

美国统一螺纹满足 BS1580 要求

| 螺纹 Size | 外螺纹 外部直径 (mm) | 内螺纹 内部直径 (mm) | 螺距 (mm) |
|------------|------------------|------------------|------------|
| 5/8" | 15.9 | 14.7 | 1.06 |
| 3/4" | 19.1 | 17.7 | 1.27 |
| 13/16" | 20.6 | 19.3 | 1.27 |
| 7/8" | 22.2 | 20.9 | 1.27 |
| 15/16" | 23.8 | 22.4 | 1.27 |
| 1" | 25.4 | 24.0 | 1.27 |
| 1 1/8" | 28.6 | 27.0 | 1.41 |
| 1 3/16" | 30.2 | 28.6 | 1.41 |
| 1 1/4" | 31.8 | 30.2 | 1.41 |
| 1 5/16" | 33.3 | 31.8 | 1.41 |
| 1 3/8" | 34.9 | 33.4 | 1.41 |
| 1 7/16" | 36.5 | 35.0 | 1.41 |
| 1 3/4" | 44.5 | 42.9 | 1.41 |
| 2" | 50.8 | 49.3 | 1.59 |
| 2 1/4" | 57.2 | 55.4 | 1.59 |

注: 尺寸均为标称尺寸

合规文档与合规信息

Rohs 声明

Reach 声明

SVHC 声明

冲突矿物质声明

合规证书

合规性声明

以上文件均可应要求提供, 请联系 (联系信息请见末页)

耐化学品性能指南

本文档仅可作为指导使用，用户应在使用环境中验证其兼容性，以确保适用性。适用性受多方面因素影响，如温度、接触时间、接触性质（浸没以及所用化学品浓度）等。

耐用性指南

| 化学品 | 铝 | 碳钢 | 铸铁/球墨铸铁 | 镀镍黄铜 | 303/304 不锈钢 1.4301 (V2A) | 316 不锈钢 1.4401 (V4A) | 金属 | POM 聚酰胺 | PVC 聚乙烯 | POM 聚缩醛 | TPE-U/TPE-E 聚酯 | PP 聚丙烯 | EPR, EPDM | 塑料和弹性材料 | |
|---|---|----|---------|------|-----------------------------|-------------------------|----|---------|---------|---------|----------------|--------|-----------|---------|---|
| 3 = 优秀 2 = 良好 1 = 尚可或一般 0 = 不推荐 - = 无数据 | | | | | | | | | | | | | | | |
| 醋酸溶剂 | 2 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 醋酸 | 2 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 3 | 0 | 2 | 3 | 1 | 1 | 1 |
| 醋酸 - 20% | 2 | 0 | 0 | 3 | 2 | 3 | 0 | 1 | 3 | 0 | 2 | 3 | 1 | 2 | - |
| 醋酸 - 30% | 0 | - | 3 | 3 | 3 | 3 | 0 | 2 | - | 0 | 2 | 3 | 1 | 2 | - |
| 醋酸 - 50% | 0 | - | 3 | 3 | 3 | 2 | 0 | 2 | - | 1 | 2 | 3 | 0 | 1 | - |
| 醋酸 - 80% | 2 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | - | 1 | 3 | 3 | 0 | 1 | - |
| 醋酸 - 冰状 | 2 | 0 | 0 | 2 | 1 | 3 | 0 | 0 | 3 | 1 | 1 | 2 | 0 | 0 | - |
| 丙酮 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 1 | 0 | 3 | 0 | 0 | 0 |
| 丙酮合氯化氢 | 2 | - | 2 | 3 | 2 | - | - | - | - | - | 0 | - | 2 | - | - |
| 乙腈(乙腈) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | - | 0 | 3 | 0 | 0 | 2 |
| 乙酰苯 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | - | - | - | 1 | 2 | 0 | 0 | - |
| 丙烯腈 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | - | 3 | 0 | 2 | 0 | 0 | 0 | 0 |
| 己二酸 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 0 | 2 | 3 | 3 | 0 | - |
| 酒精 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 2 | 3 | 2 | 2 | 2 | - | - | - |
| 酒精: 戊基 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 0 |
| 酒精: 苄基 | 2 | 2 | 2 | 3 | 2 | 2 | 0 | 3 | 3 | 0 | 3 | 1 | 0 | 1 | 1 |
| 酒精: 丁基 | 2 | 2 | 2 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 3 | 3 | 0 |
| 酒精: 双丙酮 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 2 | 0 | 0 | 2 |
| 酒精: 乙烷基 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 |
| 酒精: 己基 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 1 | 3 | 2 | 0 |
| 酒精: 异丁基 | 2 | 1 | 1 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 0 |
| 酒精: 异丙基 | 2 | 3 | 1 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 2 | 1 | 2 | 0 | - |
| 酒精: 甲基 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 0 |
| 酒精: 辛基 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | - | 3 | 2 | 2 | 0 |
| 酒精: 丙基 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 0 | 3 | 2 | 3 | 3 | 0 |
| 氯化铝 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 3 | 1 | 3 | 3 | 3 | 3 | 2 |
| 氨 10% | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | - | 3 | 3 | - | 3 | - |
| 无水氨 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 3 | 0 | 3 | 3 | - | 2 | - |
| 氨水 | 0 | - | 3 | 3 | 3 | - | - | 0 | 0 | - | 3 | 3 | 2 | 3 | 2 |

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化学品

3 = 优秀
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1 = 尚可或一般
0 = 不推荐
- = 无数据

| | 铝 | 碳钢 | 铸铁/球墨铸铁 | 黄铜 | 303/304 不锈钢 1.4301 (V2A) | 316 不锈钢 1.4401 (V4A) | 金属 | POM 聚缩醛 | PA6 PA66 聚酰胺 | PVC 聚乙烯 | TPE-U/TPE-E 聚酯 | PP 聚丙烯 | EPR, EPDM | NBR 氮气 | CR 氯丁橡胶 | TPU 聚氨酯 |
|----------|---|----|---------|----|-----------------------------|-------------------------|----|---------|--------------|---------|----------------|--------|-----------|--------|---------|---------|
| 粗氨水 | 3 | - | 3 | 3 | 3 | - | - | - | 0 | - | - | - | - | - | 3 | - |
| 苯胺 | 1 | 1 | 1 | 3 | 3 | 2 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| ASTM 1 号 | 3 | - | 3 | 3 | 3 | - | - | 3 | 3 | 3 | - | 0 | 3 | 2 | 2 | 2 |
| ASTM 2 号 | 3 | - | 3 | 3 | 3 | - | - | 3 | 2 | 3 | - | 0 | 3 | 2 | 0 | 0 |
| ASTM 3 号 | 3 | - | 3 | 3 | 3 | - | - | 3 | - | 3 | - | 0 | 3 | 1 | 0 | 0 |
| ASTM 4 号 | 3 | - | 3 | 3 | 3 | - | - | 3 | - | 0 | - | 0 | 0 | 2 | 0 | 0 |
| ASTM 5 号 | 3 | - | 3 | 3 | 3 | - | - | - | - | 3 | - | 0 | 3 | 2 | 0 | 0 |
| ASTM 6 号 | 3 | - | 3 | 3 | 3 | - | - | - | - | 3 | - | 0 | 0 | 0 | 0 | 0 |
| ASTM 7 号 | 3 | - | 3 | 3 | 3 | - | - | - | - | 3 | - | 0 | 2 | 0 | 0 | 0 |
| 苯甲醛 | 2 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | - | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| 苯 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 血 | - | - | - | 3 | 3 | 3 | - | - | 3 | - | 3 | - | - | - | - | - |
| 制动液(矿物) | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 0 | 0 | 0 | 3 | 1 | 2 | 3 | |
| 四氯化碳 | 0 | 0 | 0 | 3 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 |
| 腐蚀剂 | 0 | - | - | 3 | 3 | 3 | - | - | - | 0 | - | - | - | - | - | - |
| 加氯水 | 0 | - | - | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 氯水 | 0 | - | - | 3 | 1 | 1 | 1 | 0 | 0 | - | 0 | 1 | - | 0 | - | - |
| 三氯甲烷 | 0 | 2 | 0 | 3 | 3 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 柠檬酸 | 1 | 0 | 0 | 3 | 2 | 3 | 0 | 2 | 3 | 3 | 2 | 3 | - | 3 | - | - |
| 硫酸铜 | - | - | - | 3 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 3 | - | 3 | - | - |
| 甲酚 | 2 | - | 1 | 3 | 3 | - | - | 2 | 2 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| 甲酚 | 2 | 1 | 1 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | - | 0 | - | - |
| 原油 | 3 | - | 2 | 3 | 3 | 3 | 3 | 0 | - | 2 | 0 | 0 | 2 | 1 | 0 | 0 |
| 柴油 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 0 | - | 0 | - | - |
| 二乙胺 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 2 | - | - | 1 | 2 | - | 2 | - | - |
| 染料 | 2 | - | 2 | 3 | 3 | 3 | 3 | 1 | - | - | - | - | - | 1 | - | - |
| 乙烷 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | - | 0 | 0 | 3 | 1 | 2 | | |
| 乙醇(乙醇) | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 |
| 乙醇胺 | 2 | 3 | 2 | 3 | 3 | 3 | 0 | - | - | 0 | 2 | 2 | 1 | 1 | 1 | 1 |
| 乙醚 | 2 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | - | 0 | 1 | - | 0 | - | - | - |
| 乙醚 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| 甲酸乙酯 | 1 | - | 3 | 2 | 2 | 2 | - | 3 | 0 | 0 | - | 1 | 0 | 2 | - | - |
| 乙二醇 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 3 | 3 | 3 | 3 | 2 | |
| 氟利昂32 | 0 | 3 | 3 | 3 | 3 | 3 | - | 3 | - | - | 3 | 3 | 3 | 3 | - | - |
| 汽油 | 3 | 3 | 3 | 3 | 3 | 3 | - | 3 | 2 | 3 | 0 | 0 | 3 | 0 | 1 | |
| 明胶 | 2 | 3 | 0 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 0 | 0 |
| 乙二醇 | 2 | - | 2 | 2 | 2 | 2 | 1 | 2 | - | 3 | 3 | - | 3 | - | 3 | - |
| 葡萄柚油 | - | 0 | 0 | 3 | 3 | 3 | - | - | 3 | - | - | - | 3 | 0 | - | - |
| 润滑脂 | 3 | 3 | 3 | 3 | 3 | 3 | - | 0 | 3 | - | - | 0 | - | 0 | - | - |
| 重水 | 3 | - | 1 | 2 | 3 | - | - | - | - | 2 | - | 3 | 3 | - | 0 | - |
| 己烷 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 1 | 0 | 3 | 0 | 2 | |
| 己醇 | 3 | - | 3 | 3 | 3 | - | - | 3 | - | 0 | 3 | 3 | 3 | 2 | 0 | |
| 己醇三级 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | 2 | - | - | - | - | - |
| 己醇 | 3 | - | - | 2 | 3 | - | - | - | - | - | 3 | - | - | 2 | - | - |
| 己醇 | 3 | - | 3 | 2 | 3 | - | - | - | - | 0 | - | 1 | 2 | 2 | 0 | |
| 己二醇(制动液) | 3 | - | 3 | 2 | 3 | - | - | - | - | 0 | - | 1 | 3 | 3 | - | - |
| 液压油(石油) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | - | 0 | 0 | 0 | - | 3 | - | - |
| 液压油(石油基) | 3 | 3 | 3 | 3 | 3 | 3 | 1 | - | 3 | 0 | 0 | - | 2 | - | - | - |
| 液压油(石油) | 3 | - | 3 | 3 | 3 | 3 | 3 | 2 | - | 3 | 0 | 0 | 3 | 2 | - | - |
| 液压油(合成) | 3 | 3 | 3 | 3 | 3 | 3 | 2 | - | 3 | 0 | 0 | 0 | 0 | 0 | 2 | |

耐化学品性能指南

耐用性指南

化学品

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| | 铝 | 碳钢 | 铸铁/球墨铸铁 | 镀镍黄铜 | 303/304 不锈钢 1.4301 (V2A) | 316 不锈钢 1.4401 (V4A) | 金属 | POM 聚缩醛 | PA6 PA66 聚酰胺 | PVC 聚乙烯 | TPE-U/TPE-E 聚酯 | PP 聚丙烯 | EPR, EPDM | NBR 氮气 | CR 氯丁橡胶 | TPU 聚氨酯 |
|-------------------|---|----|---------|------|-----------------------------|-------------------------|----|---------|--------------|---------|----------------|--------|-----------|--------|---------|---------|
| 肼 | 2 | 0 | 0 | 3 | 3 | 3 | - | 2 | - | 0 | 0 | 3 | 2 | 1 | 0 | - |
| 盐酸 - 10% | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 3 | - | 0 | - | - |
| 盐酸 - 37% | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 1 | 2 | 0 | 0 | - |
| 过氧化氢 - 30% | 3 | 2 | 0 | 3 | 2 | 2 | 0 | 0 | 3 | 0 | 2 | 2 | - | 0 | - | - |
| 过氧化氢 - 90% | 3 | - | 0 | 2 | 3 | - | 0 | 0 | 3 | 0 | 3 | 1 | - | 0 | - | - |
| 异丙醇 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | - | 3 | 3 | 2 | 3 | 2 | 0 | - |
| 异丙胺 | - | - | 3 | 3 | 3 | 3 | - | - | - | - | - | - | 0 | - | - | - |
| 异丙基氯 | 0 | - | 3 | 3 | 3 | 3 | - | 3 | - | - | 0 | 0 | 0 | 0 | 0 | 0 |
| 异丙醚 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | - | - | 0 | 0 | 2 | 0 | 2 | - |
| 喷气机燃料 (JP1 至 JP6) | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | - | - | 0 | 0 | - | 0 | - | - |
| 煤油 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 0 | 0 | 3 | 0 | 2 | - |
| 番茄酱 | - | - | - | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | 3 | - | 3 | - |
| 酮类 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 涂料 | 3 | 1 | 1 | 2 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 乳酸 | 0 | 0 | 0 | 3 | 2 | 2 | 0 | 1 | - | 0 | 2 | 3 | - | 1 | - | - |
| 乳酸 - 5% 溶液 | 1 | - | 0 | 3 | 3 | - | - | 3 | - | 0 | 3 | 3 | 3 | 3 | 2 | - |
| 猪油 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | - | 2 | 2 | 0 | - | 0 | - | - |
| 猪油 (冷) | 3 | 3 | 3 | 3 | 3 | 3 | - | 3 | - | - | - | 0 | - | 2 | - | - |
| 猪油 (热) | 3 | 3 | 3 | 3 | 3 | 3 | - | 3 | - | 2 | 2 | 0 | 3 | 2 | 1 | - |
| 乳胶 | 3 | - | - | 3 | 3 | 3 | 3 | 1 | - | - | 3 | 3 | 3 | 2 | 0 | - |
| 润滑油 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | - | 0 | - | - |
| 润滑油 (石油) | 1 | - | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 2 | 2 |
| 润滑油 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | - | 2 | - |
| 甲醇 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | - | 2 | 3 | 3 | 3 | 3 | 0 | 0 |
| 乙酸甲酯 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 甲基丙酮 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | - | 0 | 3 | 1 | 0 | - | - | - |
| 溴化甲烷 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 甲乙酮 (MEK) | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 |
| 甲酸甲酯 | 3 | - | 2 | 2 | 2 | 2 | - | 3 | - | - | - | 1 | 0 | 2 | 0 | - |
| 硝酸 - 10% | 0 | 0 | 0 | 1 | 3 | 3 | 0 | 0 | 3 | 0 | 0 | 2 | - | 2 | - | - |
| 硝酸 - 70% | 3 | - | 0 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - | - |
| 橄榄油 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | - | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| 臭氧 | 2 | 0 | 1 | 3 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 1 | 3 | - |
| 油漆稀释剂, Duco | 0 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| 石蜡 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | 3 | 0 | 3 | 2 | 3 | - |
| 石油 | 0 | - | 1 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 0 | - | 2 | - | - |
| 石油醚 | 2 | - | 2 | 3 | 3 | 3 | 3 | 3 | 2 | - | 3 | 0 | 3 | 0 | 2 | 2 |
| 苯酚 | 2 | - | 0 | 3 | 3 | - | - | 3 | 2 | 0 | 1 | - | 0 | 0 | 0 | 0 |
| 苯酚 (10%) | 3 | 0 | 0 | 3 | 2 | 2 | 0 | 2 | 2 | - | 2 | 2 | - | 0 | - | - |
| 磷酸 - 10% | 0 | - | 0 | 3 | 3 | - | 0 | - | 3 | - | 3 | 3 | - | 2 | - | - |
| 磷酸 - 20% | 0 | - | 0 | 3 | 3 | 2 | 0 | 0 | 3 | - | 3 | 3 | 2 | 2 | 1 | - |
| 盐溶液 | 1 | 0 | 0 | 1 | 2 | 0 | 3 | 2 | 2 | 3 | 3 | 3 | - | 3 | - | - |
| 盐水 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 0 | 0 |
| 海水 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | - |
| 海水 (卤水) | 3 | - | 1 | 1 | 3 | - | 3 | 3 | 3 | - | 3 | 3 | - | 2 | - | - |
| 废水 | 0 | 0 | 0 | 2 | 3 | 3 | - | 3 | - | 2 | 3 | 1 | 3 | 2 | 0 | 0 |
| 硅酮 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | 3 | - |
| 硅脂 | - | - | - | 3 | - | - | - | 3 | - | 3 | - | 3 | 3 | 3 | 3 | 3 |
| 硅油 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 3 | 3 |
| 硝酸银 | 0 | 1 | 0 | 3 | 2 | 2 | 3 | 3 | 0 | 2 | 3 | 2 | 3 | 2 | 3 | 3 |

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化学品

3 = 优秀
2 = 良好
1 = 尚可或一般
0 = 不推荐
- = 无数据

| 化学品 | 金属 | | | | | | | | | | | | 塑料和弹性材料 | | | |
|------------------|----|----|---------|------|-----------------------------|-------------------------|--------------|---------|---------|----------------|--------|-----------|---------|---------|---------|--|
| | 铝 | 碳钢 | 铸铁/球墨铸铁 | 镍镍黄铜 | 303/304 不锈钢 1.4301 (V2A) | 316 不锈钢 1.4401 (V4A) | PAG PA66 聚酰胺 | POM 聚缩醛 | PVC 聚乙烯 | TPE-U/TPE-E 聚酯 | PP 聚丙烯 | EPR, EPDM | NBR 氮气 | CR 氯丁橡胶 | TPU 聚氨酯 | |
| Skydrol 7000 | - | - | - | 3 | 3 | - | - | 3 | 0 | - | 3 | 0 | 0 | 0 | 0 | |
| Skydrol | - | - | - | 3 | - | - | 1 | - | 2 | - | 3 | - | 0 | - | - | |
| Skydrol 500 | - | - | - | 3 | 3 | - | 1 | 3 | 1 | - | 3 | 0 | 0 | 0 | 0 | |
| Skydrol 液压油 | - | - | - | 3 | 3 | - | 1 | - | - | - | 3 | - | 0 | - | - | |
| 氯化钠 | 1 | 0 | 0 | 1 | 1 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 氢氧化钠 | 0 | - | 2 | 3 | 3 | - | 1 | 0 | 2 | - | 3 | 3 | - | 2 | - | |
| 氢氧化钠 (<10%) (烧碱) | - | - | - | 3 | - | - | - | - | 3 | - | - | - | - | - | - | |
| 氢氧化钠 (<50%) (烧碱) | - | - | - | 3 | - | - | - | - | 3 | - | - | - | - | - | - | |
| 氢氧化钠 (20%) | 0 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | |
| 氢氧化钠 (50%) | 0 | 0 | 0 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 2 | 0 | 1 | 2 | |
| 二氧化硫 | 0 | - | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 1 | |
| 二氧化硫(干态) | 2 | 3 | 3 | 0 | 0 | 3 | 2 | 2 | 3 | 1 | 3 | 3 | - | 0 | - | |
| 二氧化硫干态气体 | 0 | - | 2 | 0 | 3 | 3 | 2 | 2 | 3 | 0 | 1 | 3 | - | 0 | - | |
| 硫酸 - 浓 | - | - | - | 0 | - | - | 0 | 0 | 0 | 0 | 2 | 0 | - | 0 | - | |
| 硫酸 (<10%) | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 3 | 3 | 3 | 0 | 0 | 0 | |
| 硫酸 (10-75%) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | - | 3 | 2 | - | 0 | - | |
| 硫酸 (75-100%) | 0 | 0 | 0 | 0 | 1 | 0 | 0 | - | 0 | 1 | 1 | 2 | - | 0 | - | |
| 硫酸 (热浓缩) | 0 | 0 | 0 | 0 | 0 | 1 | 0 | - | 0 | - | 0 | 0 | - | 0 | - | |
| 糖浆 | 3 | - | - | 3 | 3 | 3 | - | 3 | 3 | - | 3 | 3 | 3 | 2 | - | |
| 甲苯 | 3 | - | 3 | 3 | - | 3 | 3 | - | 0 | - | 0 | - | - | 0 | - | |
| 变压器油 | 3 | - | 2 | 3 | 3 | 3 | 3 | 1 | - | - | 0 | 0 | 3 | 1 | 3 | |
| 三氯乙烯 | 0 | - | 1 | 3 | - | 3 | 3 | - | 0 | - | 2 | - | - | 0 | - | |
| 涡轮机油 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | 2 | 0 | 2 | 0 | 3 | |
| 松节油 | 3 | - | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 3 | 0 | 0 | |
| 无铅汽油 | 3 | - | 3 | 3 | - | 3 | 3 | - | - | - | 0 | - | - | 0 | - | |
| 尿素 | 2 | - | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | |
| 尿 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 1 | - | - | 3 | 3 | 3 | 0 | - | |
| 植物油 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | - | - | 0 | 0 | 3 | 0 | 3 | |
| 乙酸乙烯酯 | 2 | 2 | 1 | 3 | 2 | 2 | - | - | 0 | - | 0 | 2 | 0 | 0 | 0 | |
| 水 | 3 | 0 | 0 | 3 | 3 | 3 | - | 3 | 3 | 3 | 2 | 3 | - | 3 | - | |
| 石油溶剂 | - | - | - | 3 | - | 3 | 3 | 3 | - | 3 | 3 | - | - | - | - | |
| 氯化锌 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 3 | 2 | 3 | 3 | 2 | 3 | - | |

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| NCGS-M203LG-L | 7TCA303070R0288 | 18 |
| NCGS-M251B | 7TCA303070R0223 | 18 |
| NCGS-M251B-L | 7TCA303070R0231 | 18 |
| NCGS-M251G | 7TCA303070R0252 | 18 |
| NCGS-M251G-L | 7TCA303070R0260 | 18 |
| NCGS-M251LG | 7TCA303070R0281 | 18 |
| NCGS-M251LG-L | 7TCA303070R0289 | 18 |
| NCGS-M252B | 7TCA303070R0305 | 18 |
| NCGS-M252G | 7TCA303070R0304 | 18 |
| NCGS-M252LG | 7TCA303070R0303 | 18 |
| NCGS-PG112B | 7TCA303070R0241 | 19 |
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| NCGS-PG131G | 7TCA303070R0271 | 19 |
| NCGS-PG131LG | 7TCA303070R0300 | 19 |
| NCGS-PG161B | 7TCA303070R0243 | 19 |
| NCGS-PG161G | 7TCA303070R0272 | 19 |
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| NCGS-PG211B | 7TCA303070R0244 | 19 |
| NCGS-PG211G | 7TCA303070R0273 | 19 |
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| NCGS-PG71B | 7TCA303070R0239 | 19 |
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| NCGS-PG91B | 7TCA303070R0240 | 19 |
| NCGS-PG91G | 7TCA303070R0269 | 19 |
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| 2930NM | 7TAD105210R0000 | 20 |
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| 2932NM | 7TAD105200R0003 | 20 |
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| 2941NM | 7TAD105210R0003 | 20 |
| 2942NM | 7TAD105200R0004 | 20 |
| 4960NM | 7TAD105200R0005 | 21 |
| 4961NM | 7TAD105200R0006 | 21 |
| 4970NM | 7TAD105220R0017 | 21 |
| 4971NM | 7TAD105210R0004 | 21 |
| 4972NM | 7TAD105210R0005 | 21 |
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| 2674 | 7TAD105030R0002 | 22 |
| 2675 | 7TAD105030R0003 | 22 |
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| 2678 | 7TAD105030R0004 | 23 |
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| 2680 | 7TAD105050R0004 | 24 |
| 2681 | 7TAD105030R0005 | 24 |
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| BCG-M162 | 7TCA303030R0007 | 25 |
| BCG-M162-L | 7TCA303030R0008 | 25 |
| BCG-M163 | 7TCA303030R0009 | 25 |
| BCG-M163-L | 7TCA297180R1324 | 25 |
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| BCG-M202 | 7TCA303030R0001 | 25 |
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| BCG-0752 | 7TCA303030R0059 | 28 |
| BCG-1001 | 7TCA303030R0060 | 28 |
| BCG-1002 | 7TCA303030R0061 | 28 |
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| BCG-PG362 | 7TCA303030R0092 | 29 |
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| BCG-PG421 | 7TCA303030R0094 | 29 |
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| SCG-M161 | 7TCA303040R0004 | 30 |
| SCG-M161-L | 7TCA303040R0005 | 30 |
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| 2531-3 | 7TBD105010R0002 | 45 |
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| EXN04MMC3 | 7TCA297180R0278 | 70 |
| EXN04MSC3 | 7TCA297180R0277 | 70 |
| EXN05AMHC2F | 7TCA297180R1061 | 70 |
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| EXN05MMC3 | 7TCA297180R0279 | 70 |
| EXN05MSC3 | 7TCA297180R0256 | 70 |
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| EXS04MMC3 | 7TCA297150R0072 | 70 |
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| EXS11AMC3 | 7TCA297180R0263 | 72 |
| EXS11ASC3 | 7TCA297180R0979 | 72 |
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| EXN03MSC6 | 7TCA297180R0797 | 73 |
| EXN04MMC6 | 7TCA297180R0799 | 73 |
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| ISR075-082 | 7TBA297190R0002 | 80 |
| ISR100-102 | 7TBA297190R0003 | 80 |
| ISR125-122 | 7TBA297190R0004 | 80 |
| ISR125-137 | 7TBA297190R0005 | 80 |
| ISR150-156 | 7TBA297190R0006 | 80 |
| ISR200-179 | 7TBA297190R0007 | 80 |
| ISR200-206 | 7TBA297190R0008 | 80 |
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| TCF075-40AL | 7TBD105310R0029 | 81 |
| TCF075-54AL | 7TBD105320R0002 | 81 |
| TCF075-67AL | 7TBD105320R0003 | 81 |
| TCF075-78AL | 7TBD105320R0004 | 81 |
| TCF100-100AL | 7TBD105310R0035 | 82 |
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| TCF100-78AL | 7TBD105310R0038 | 82 |
| TCF100-88AL | 7TBD105320R0006 | 82 |
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| TCF150-115AL | 7TBD105310R0044 | 82 |
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| TCF150-165AL | 7TBD105310R0045 | 82 |
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| TCF200-186AL | 7TBD105320R0008 | 82 |
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| TCF300-278AL | 7TBD105310R0048 | 82 |
| TCF300-304AL | 7TBD105310R0049 | 82 |
| TCF300-330AL | 7TBD105310R0050 | 82 |
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| EXN06MSC1 | 7TCA297180R0050 | 83 |
| EXS03MMC1 | 7TCA297180R0086 | 83 |
| EXS03MSC1 | 7TCA297180R0088 | 83 |
| EXS04MLC1 | 7TCA297180R0094 | 83 |
| EXS04MMC1 | 7TCA297180R0096 | 83 |
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| EXS05MLC1 | 7TCA297180R0104 | 83 |
| EXS05MMC1 | 7TCA297180R0106 | 83 |
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| EXS06MLC1 | 7TCA297180R0116 | 83 |
| EXN03AMC1 | 7TCA297180R0017 | 84 |
| EXN03ASC1 | 7TCA297180R0019 | 84 |
| EXN04ALC1 | 7TCA297180R0023 | 84 |
| EXN04AMC1 | 7TCA297180R0025 | 84 |
| EXN04ASC1 | 7TCA297180R0027 | 84 |
| EXN05ALC1 | 7TCA297180R0033 | 84 |
| EXN05AMC1 | 7TCA297180R0035 | 84 |

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| EXN06ASC1 | 7TCA297180R0046 | 84 |
| EXN06MMC1 | 7TCA297180R0048 | 84 |
| EXN07MMC1 | 7TCA297180R0056 | 84 |
| EXN07MSC1 | 7TCA297180R0058 | 84 |
| EXN08MMC1 | 7TCA297180R0064 | 84 |
| EXN08MSC1 | 7TCA297180R0066 | 84 |
| EXN09MMC1 | 7TCA297180R0072 | 84 |
| EXN09MSC1 | 7TCA297180R0074 | 84 |
| EXN10MMC1 | 7TCA297180R0080 | 84 |
| EXN10MSC1 | 7TCA297180R0082 | 84 |
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| EXS03AMC1 | 7TCA297180R0083 | 84 |
| EXS03ASC1 | 7TCA297180R0085 | 84 |
| EXS04ALC1 | 7TCA297180R0089 | 84 |
| EXS04AMC1 | 7TCA297180R0091 | 84 |
| EXS04ASC1 | 7TCA297180R0093 | 84 |
| EXS05ALC1 | 7TCA297180R0099 | 84 |
| EXS05AMC1 | 7TCA297180R0101 | 84 |
| EXS05ASC1 | 7TCA297180R0103 | 84 |
| EXS06ASC1 | 7TCA297180R0112 | 84 |
| EXS06MMC1 | 7TCA297180R0114 | 84 |
| EXS07MMC1 | 7TCA297180R0122 | 84 |
| EXS07MSC1 | 7TCA297180R0124 | 84 |
| EXS08MMC1 | 7TCA297180R0130 | 84 |
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| EXS09MMC1 | 7TCA297180R0138 | 84 |
| EXS09MSC1 | 7TCA297180R0140 | 84 |
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| EXS11MMC1 | 7TCA297180R0902 | 84 |
| EXS11MSC1 | 7TCA297180R0905 | 84 |
| EXN06AMC1 | 7TCA297180R0044 | 85 |
| EXN07AMC1 | 7TCA297180R0052 | 85 |
| EXN07ASC1 | 7TCA297180R0054 | 85 |
| EXN08AMC1 | 7TCA297180R0060 | 85 |
| EXN08ASC1 | 7TCA297180R0062 | 85 |
| EXN09AMC1 | 7TCA297180R0068 | 85 |
| EXN09ASC1 | 7TCA297180R0070 | 85 |
| EXN10AMC1 | 7TCA297180R0076 | 85 |
| EXN10ASC1 | 7TCA297180R0078 | 85 |
| EXN11AMC1 | 7TCA297180R0882 | 85 |
| EXN11ASC1 | 7TCA297180R0881 | 85 |
| EXS06AMC1 | 7TCA297180R0110 | 85 |
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| EXS09AMC1 | 7TCA297180R0134 | 85 |
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| EXS10AMC1 | 7TCA297180R0142 | 85 |
| EXS10ASC1 | 7TCA297180R0144 | 85 |
| EXS11AMC1 | 7TCA297180R0900 | 85 |
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| EXN04AC5 | 7TCA297180R0698 | 86 |
| EXN04MC5 | 7TCA297180R0700 | 86 |
| EXN05AC5 | 7TCA297180R0702 | 86 |
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| EXS04AC5 | 7TCA297180R0714 | 86 |
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| EXS05AC5 | 7TCA297180R0718 | 86 |
| EXS05MC5 | 7TCA297180R0720 | 86 |
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| EXS08AC5 | 7TCA297180R0739 | 86 |
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| ST200-474 | 7TBA051030R0007 | 88 |
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| STX075-465 | 7TBA051150R0012 | 91 |
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| STX350-480 | 7TBA051160R0026 | 92 |
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| STEX075 | 7TBA051370R0000 | 93 |
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| EX/M16/SP | 7TCA297140R0036 | 94 |
| EX/M20/SP | 7TCA297140R0042 | 94 |
| EX/M25/SP | 7TCA297140R0050 | 94 |
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| EX/M50/SP | 7TCA297140R0068 | 94 |
| EX/M63/SP | 7TCA297140R0072 | 94 |
| EXN/038/SP | 7TCA297140R0075 | 94 |
| EXN/050/SP | 7TCA297140R0077 | 94 |
| EXN/075/SP | 7TCA297140R0079 | 94 |
| EXN/100/SP | 7TCA297140R0081 | 94 |
| EXN/125/SP | 7TCA297140R0083 | 94 |
| EXN/150/SP | 7TCA297140R0085 | 94 |
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| EXS/M50/SP | 7TCA297140R0124 | 94 |
| EXS/M63/SP | 7TCA297140R0168 | 94 |
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| EX/M40/TSP | 7TCA297140R0066 | 95 |
| EX/M50/TSP | 7TCA297140R0070 | 95 |
| EX/M63/TSP | 7TCA297140R0073 | 95 |
| EXN/038/TSP | 7TCA297140R0076 | 95 |
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| EXN/100/TSP | 7TCA297140R0082 | 95 |
| EXN/125/TSP | 7TCA297140R0084 | 95 |
| EXN/150/TSP | 7TCA297140R0086 | 95 |
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| EX/M25/HSP | 7TCA297140R0048 | 96 |
| EX/M25/HSP | 7TCA297140R0048 | 96 |
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| EXN/M16/HSP | 7TCA297140R0089 | 96 |
| EXN/M20/HSP | 7TCA297140R0093 | 96 |
| EXN/M25/HSP | 7TCA297140R0097 | 96 |
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| EXS/M25/HSP | 7TCA297140R0119 | 96 |
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| EXS/M40/HSP | 7TCA297130R0429 | 96 |
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| EXS/M63/HSP | 7TCA297130R0431 | 96 |
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| EXN/M16/DSP | 7TCA297140R0143 | 97 |
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| EXN/M32/DSP | 7TCA297140R0100 | 97 |
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| EXN/M63/DSP | 7TCA297140R0144 | 97 |
| EXS/M16/DSP | 7TCA297140R0148 | 97 |
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| EX/125/C | 7TCA297130R0034 | 101 |
| EX/150/C | 7TCA297130R0047 | 101 |
| EX/200/C | 7TCA297130R0061 | 101 |
| EX/M16/C | 7TCA297130R0078 | 101 |
| EX/M20/C | 7TCA297130R0086 | 101 |
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| EX/M40/C | 7TCA297130R0123 | 101 |

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| EX/M75/C | 7TCA297130R0167 | 101 |
| EXN/038/C | 7TCA297130R0523 | 101 |
| EXN/050/C | 7TCA297130R0194 | 101 |
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| EXN/200/C | 7TCA297130R0248 | 101 |
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| EXN/M20/C | 7TCA297130R0267 | 101 |
| EXN/M25/C | 7TCA297130R0276 | 101 |
| EXN/M32/C | 7TCA297130R0286 | 101 |
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| EXN/M50/C | 7TCA297130R0312 | 101 |
| EXN/M63/C | 7TCA297130R0326 | 101 |
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| EXS/050/C | 7TCA297130R0365 | 101 |
| EXS/075/C | 7TCA297130R0367 | 101 |
| EXS/100/C | 7TCA297130R0374 | 101 |
| EXS/125/C | 7TCA297130R0530 | 101 |
| EXS/150/C | 7TCA297130R0543 | 101 |
| EXS/200/C | 7TCA297130R0395 | 101 |
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| EXS/M50/C | 7TCA297130R0421 | 101 |
| EXS/M63/C | 7TCA297130R0408 | 101 |
| EXN/050/DV | 7TCA297180R1015 | 102 |
| EXN/075/DV | 7TCA297180R1016 | 102 |
| EXN/M20/DV | 7TCA297180R0828 | 102 |
| EXN/M25/DV | 7TCA297180R0829 | 102 |
| EXS/050/DV | 7TCA297180R1017 | 102 |
| EXS/075/DV | 7TCA297180R1018 | 102 |
| EXS/M20/DV | 7TCA297180R0830 | 102 |
| EXS/M25/DV | 7TCA297180R0831 | 102 |
| EX/M16/SER | 7TCA297150R0012 | 105 |
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| EX/M25/TAG | 7TCA297150R0018 | 105 |
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| BT06 | 7TCA303000R0011 | 107 |
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