

Quick Select Table: TYPE A AM Blue Non-metallic Conduit, UL Listed

LT Fitting Ingress Ratings: ¹⁾
 Non-metallic & Stainless Steel Fittings:
 UL, NEMA: Type 3, 3R, 4, 4X, 12, 13
 IEC Ingress: IP66, IP69
 Steel Fittings:
 NEMA: Type 3, 3R, 4, 12, 13

System Temperature Ratings:
 UL: Dry: -18 to +105°C (0 to +221°F)
 Oil: -18 to +70°C (0 to +158°F)
 Wet: -18 to +60°C (0 to +140°F)
 Dry: -18 to +105°C (0 to +221°F)
 General: Dry: -37 to +105°C (-35 to +221°F)

TYPE A Non-metallic Liquid-tight Flexible Conduit References:
 Technical Data Sheet: TDS000700
 Chemical Resistance Guide: TDS000117
 UL 1660
 CSA C22.2, No. 227.2

Type A Liquid-tight Fitting References:
 Technical Data Sheet: TDS000592 (Ser. 6300)
 TDS000628 (Ser. 6300SST)
 TDS000629 (Ser. 3700)
 Chemical Resist. Guide: TDS000081
 UL 514B
 UL File: E23018

Typical Applications: UL Listed Type A Antimicrobial Blue Conduit for use in Food & Beverage washdown applications where food safety and durability are a priority

| Liquid-tight Flexible Non-Metallic Conduit (LFNC-A) | | | | | | | | | | Reinforced Resin Jacketed Steel 304 Steel Galv | | Fittings | | | | | | | | | Accessories | | | | |
|---|--------|----------------------|----------------|-----------|--------|--------------|----------|------------------|------|--|----------|---------------------------|--|----------|---------------------------------|--|----------|-------------------------------------|-------------|------------------------|-------------|----------|----------|----------|--|
| Core Material: PVC Web Mesh Jacket Material: PVC, Smooth, AM Blue Copper Bonding Wire: None | | | | | | | | | | | | Ser. 6300 Non-Metallic LT | | | Ser. 6300SST Stainless Steel LT | | | Ser. 3700 Steel Galv LT (Insulated) | | | | | | | |
| Trade Size Reference | | Carton ²⁾ | | Technical | | | | Type | | Supplied with Sealing O-Ring & Steel Locknut | | | Supplied with 526x Seal Gasket & SST Locknut | | | Supplied with 526x Seal Gasket & Steel Locknut | | | Seal Gasket | Conduit Supports | | | | | |
| UL | CSA | ISO/BSEN | Part. No. | Feet | Meters | UL Bond Wire | ID Range | Min. Bend Radius | Std. | Thread | Straight | 45° | 90° | Straight | 45° | 90° | Straight | 45° | 90° | Part No. ¹⁾ | Steel 1 H | Steel 2H | SST 1H | SST 2H | |
| Inch | Metric | Metric | | | | | Inch | mm | Inch | mm | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | | Part No. | Part No. | Part No. | Part No. | |
| 3/8" | 12mm | 16mm | --- | --- | --- | --- | --- | --- | NPT | 1/2" | --- | --- | --- | --- | --- | --- | 3720-TB* | 3730-TB* | 3740* | 5261 | --- | --- | HS100-SS | --- | |
| 1/2" | 16mm | 20mm | TYPEAF50L-100 | 200 | 60 | No | 0.620 | 15.7 | 3.0" | 76mm | 6302 | --- | 6322 | 6305SST | 6312SST | 6325SST | 3721-TB | 3731-TB | 3741 | 5262 | HS-101 | HS-901 | HS101-SS | HS901-SS | |
| 3/4" | 21mm | 25mm | TYPEAF75L-100 | 175 | 54 | No | 0.815 | 20.7 | 4.0) | 102mm | 6303 | --- | 6323 | 6305SST | 6313SST | 6326SST | 3722-TB | 3732 | 3742 | 5263 | HS-102 | HS-902 | HS102-SS | HS902-SS | |
| 1" | 27mm | 32mm | TYPEAF100L-100 | 100 | 30 | No | 1.030 | 26.2 | 6.0" | 152mm | 6304 | --- | 6324 | 6305SST | 6314SST | 6327SST | 3723 | 3733-TB | 3743-TB | 5264 | HS-103 | HS-903 | HS103-SS | HS903-SS | |
| 1-1/4" | 35mm | 40mm | TYPEAF125L-100 | 100 | 30 | No | 1.370 | 34.8 | 7.0" | 178mm | 6305 | --- | 6325 | 6305SST | --- | 6328SST | 3724-TB | 3734-TB | 3744-TB | 5265 | HS-104 | HS-904 | HS104-SS | HS904-SS | |
| 1-1/2" | 41mm | 50mm | TYPEAF150L-50 | 50 | 15 | No | 1.585 | 40.3 | 8.0" | 203mm | 6306 | --- | 6326 | 6306SST | --- | 6329SST | 3725 | 3735-TB | 3745 | 5266 | HS-105 | HS-905 | HS105-SS | HS905-SS | |
| 2" | 53mm | 63mm | TYPEAF200L-50 | 50 | 15 | No | 2.045 | 51.9 | 9.0" | 228mm | 6307 | --- | 6327 | 6307SST | --- | 6330SST | 3726 | 3736 | 3746-TB | 5267 | HS-106 | HS-906 | HS106-SS | HS906-SS | |
| 2-1/2" | 63mm | 70mm | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 3" | 78mm | 80mm | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 4" | 103mm | 100mm | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |

Attn: T&B Liquidtight Systems® Quick Select Tables are intended to assist users with recommended component selection for Cable Protection System solutions. Final component selection is the responsibility of the user based on actual application, standards and local electrical code requirements. The information in this QTS is regularly updated and is subject to change at the discretion of T&B/ABB. Go to <https://library.abb.com/> for latest document revision.

Notes:
 1) Seal Gasket and O-rings required to achieve ingress ratings, supplied as standard with all Type A fittings.
 2) Packaging lengths available in cartons, standard reels and bulk reels, see publication TDS000630 for details

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