

# Type LT4GE – general purpose stainless steel, CE Liquid-tight flexible metallic conduit

**Stainless steel 304 general purpose, CE certified liquid-tight flexible metallic conduits provide excellent strength, corrosion protection and liquid-tight performance**

## Features & Benefits:

- Design to meet UL 360 ID/OD dimension requirements
- Full compliance to IEC/EN 61386-1 requirements, CE certified
- Trade sizes from 3/8" to 4" (12mm to 100mm)
- Coordinated performance with Series 5300SST6 stainless steel 316 fittings
- UL, CSA & IP ingress protection ratings aligned with industrial enclosures
- Smooth extruded jackets provide best performance with fittings

## Applications:

- General purpose, industrial grade liquid-tight flexible metallic conduit
- Used extensively in corrosive environments and where flexibility is necessary for motion, vibration and bending
- Typical applications include water/wastewater plants, food & beverage installations, chemical processing plants, marine and salt environments, pulp and paper
- Sunlight resistant jacket material allows this product to be used in outdoor applications
- Liquid-tight applications against water, oils, cutting fluids, mild acids
- For use in electrical circuits up to 1,000 V

## Construction / Material / Finish:

- Stainless Steel 304 core
- PVC (Polyvinyl Chloride) extruded smooth jacket
- Ink jet printed ratings and technical information
- Full range of trade sizes from 3/8" to 4" (12mm to 150mm) 3/8" to 4", fully interlocked design
- Colors: Clear (standard), gray (optional)

## Environment ratings:

### Working Temperature:

- Gen:
  - Dry: -20 to +80°C (-4 to +176°F)
  - Oil: -20 to +70°C (-4 to +158°F)
  - Wet: -20 to +60°C (-4 to +140°F)
- IEC/CE:
  - Gen: -15 to +60°C (+5 to +140°F)

### Chemical resistance guide:

- See publication TDS000117

## T&B Liquidtight Systems™



## Certifications / Standards:



### Conforms to:

- IEC/EN 61386-1, -23, Conduit Systems for Cable Management  
EU DoC: EC-012-17-175
- CE (Conformité Européenne, European Conformity)
- RoHS (Restriction of Hazardous Substances directive)

### Standards requirements:

Designed to UL 360 and CSA 22.2, No. 56 standard requirements including:

- ID and OD Dimensions

Meets all IEC/EN 61386-23 standard requirements including:

- Compression strength - Code 4 Heavy; 1250 N/50mm
- Impact strength - Code 4 Heavy; 6 Joules
- Tensile strength - Code 3 Medium; 500 N/2 min.

### Ingress protection:

- Provides "Ingress Integrity" between enclosures, fittings, conduits & seals when using LT4GE conduits and series 5300SST6 liquidtight fittings
- Covers all trade sizes from 3/8" to 4" (12mm to 103mm)

### System ingress ratings:

- Products tested and comply with UL 50E and CSA C22.2, No. 94 Type Rating requirements
  - Indoor: Type 4, 12, 13
  - Outdoor: Type 3, 3R, 4
- NEMA 250: Type 3, 3R, 4, 12, 13

### IEC system ingress rating:

- IP ingress protection per IEC/EN 60529 requirements
- IEC ingress ratings: IP66, IP67

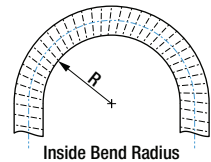
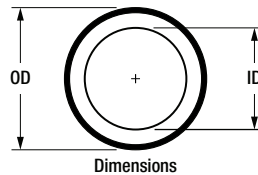
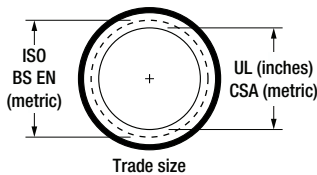


# Type LT4GE – general purpose stainless steel 304, CE

## Product selection and dimensions

### Product selection

Trade size			Coil length										Weight			
UL	CSA	ISO BS EN	Carton		Standard reel				Bulk reel				lbs/ft	kg/m		
Inches	mm	mm	Part No./GID	Feet	Meter	Part No./GID	Feet	Meter	Part No./GID	Feet	Meter	Part No./GID	Feet	Meter		
3/8	12	16	LT4GES01C-C 7TAA012LUOR0000	100	30	LT4GES01C-K 7TAA012LUOR0010	500	150	LT4GES01C-L 7TAA012LUOR0017	1,000	300	LT4GES01C-L 7TAA012LUOR0017	1,000	300	0.23	0.34
1/2	16	20	LT4GES02C-C 7TAA012LUOR0001	100	30	LT4GES02C-K 7TAA012LUOR0011	500	150	LT4GES02C-L 7TAA012LUOR0018	1,000	300	LT4GES02C-L 7TAA012LUOR0018	1,000	300	0.28	0.42
3/4	21	25	LT4GES03C-C 7TAA012LUOR0002	100	30	LT4GES03C-K 7TAA012LUOR0012	500	150	LT4GES03C-L 7TAA012LUOR0019	1,000	300	LT4GES03C-L 7TAA012LUOR0019	1,000	300	0.38	0.57
1	27	32	LT4GES04C-C 7TAA012LUOR0003	100	30	LT4GES04C-J 7TAA012LUOR0013	400	120	—	—	—	—	—	—	0.62	0.92
1-1/4	35	40	LT4GES05C-B 7TAA012LUOR0004	50	15	LT4GES05C-E 7TAA012LUOR0014	200	60	—	—	—	—	—	—	0.79	1.18
1-1/2	41	50	LT4GES06C-B 7TAA012LUOR0005	50	15	LT4GES06C-D 7TAA012LUOR0015	150	45	—	—	—	—	—	—	1.03	1.53
2	53	63	LT4GES07C-B 7TAA012LUOR0006	50	15	LT4GES07C-C 7TAA012LUOR0016	100	30	—	—	—	—	—	—	1.19	1.77
2-1/2	63	70	LT4GES08C-A 7TAA012LUOR0007	25	8	—	—	—	—	—	—	—	—	—	2.09	3.11
3	78	80	LT4GES09C-A 7TAA012LUOR0008	25	8	—	—	—	—	—	—	—	—	—	2.95	4.39
4	103	100	LT4GES11C-A 7TAA012LUOR0009	25	8	—	—	—	—	—	—	—	—	—	4.10	6.10



### Dimensions

Part number	Trade size			Minimum inside bend radius				Inches				Millimeters			
	UL	CSA	ISO BS EN	Static		Dynamic		Inside (ID)		Outside (OD)		Inside (ID)		Outside (OD)	
				Inches	mm	Inches	mm	Min	Max	Min	Max	Min	Max	Min	Max
LT4GES01C-*	3/8	12	16	2.0	51	4.0	102	0.484	0.504	0.690	0.710	12.3	12.8	17.5	18.0
LT4GES02C-*	1/2	16	20	3.0	76	5.0	127	0.622	0.642	0.820	0.840	15.8	16.3	20.8	21.3
LT4GES03C-*	3/4	21	25	4.2	107	6.0	152	0.820	0.840	1.030	1.050	20.8	21.3	26.2	26.7
LT4GES04C-*	1	27	32	5.5	140	12.0	305	1.041	1.066	1.290	1.315	26.4	27.1	32.8	33.4
LT4GES05C-*	1-1/4	35	40	7.0	178	15.0	381	1.380	1.410	1.630	1.660	35.1	35.8	41.4	42.2
LT4GES06C-*	1-1/2	41	50	4.5	114	17.0	432	1.575	1.600	1.865	1.900	40.0	40.6	47.4	48.3
LT4GES07C-*	2	53	63	6.0	152	22.0	559	2.020	2.045	2.340	2.375	51.3	51.9	59.4	60.3
LT4GES08C-*	2-1/2	63	70	8.0	203	29.0	737	2.480	2.505	2.840	2.875	63.0	63.6	72.1	73.0
LT4GES09C-*	3	78	80	10.0	254	36.0	914	3.070	3.100	3.460	3.500	78.0	78.7	87.9	88.8
LT4GES11C-*	4	100	100	12.0	305	52.0	1,321	4.000	4.040	4.460	4.500	101.6	102.6	113.3	114.3

Note: Product must be installed in accordance with applicable national and local electrical codes.

## Contact us

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