

Aluminum - Liquidtight flexible metal conduit

Type LTAE - CE certified



Type LTAE - General Purpose

Aluminum, CE compliant T&B Liquidtight Flexible Metallic conduit provide excellent performance in corrosive environments and installations where lightweight wireway is required.

Materials: Aluminum, Smooth PVC Jacket,

Colour: Gray (Standard)

Approvals



| Trade Size | | | Coil Length | | | | | | | | | Specifications | | | | |
|------------|-----|---------------|-----------------|-----|----|------------|-----|-----|------------|-------|-----|--------------------|------------------------------|---------------------------|----------------------------|-----|
| UL | CSA | ISO/ BS EN | Standard Carton | | | Small Reel | | | Bulk Reel | | | UL Bond Wire | ID Range (Nominal) | | Min. Inside Bend Radius | |
| Inch | mm | mm | Part No. | Ft | M | Part No. | Ft | M | Part No. | Ft | M | | Inch | mm | Inch | mm |
| 3/8 | 12 | 16 | LTAES01G-C | 100 | 30 | LTGES01G-K | 500 | 150 | LTAES01G-L | 1,000 | 300 | No | 0.484 to 0.505 (0.493) | 12.3 to 12.8 (12.5) | 2.0 | 51 |
| 1/2 | 16 | 20 | LTAES02G-C | 100 | 30 | LTGES02G-K | 500 | 150 | LTAES02G-L | 1,000 | 300 | No | 0.622 to 0.642 (0.632) | 15.8 to 16.3 (16.0) | 2.5 | 64 |
| 3/4 | 21 | 25 | LTAES03G-C | 100 | 30 | LTAES02G-K | 500 | 150 | LTAES03G-L | 1,000 | 300 | No | 0.820 to 0.840 (0.830) | 20.8 to 21.3 (21.1) | 3.0 | 76 |
| 1 | 27 | 32 | LTAES04G-C | 100 | 30 | LTAES04G-J | 400 | 120 | --- | --- | --- | No | 1.041 to 1.066 (1.053) | 25.4 to 27.1 (26.8) | 4.0 | 102 |
| 1 1/4 | 35 | 40 | LTAES05G-B | 50 | 15 | LTAES05G-E | 200 | 60 | --- | --- | --- | No | 1.380 to 1.410 (1.395) | 35.1 to 35.8 (35.5) | 4.5 | 114 |
| 1 1/2 | 41 | 50 | LTAES06G-B | 50 | 15 | LTAES06G-D | 150 | 45 | --- | --- | --- | No | 1.575 to 1.600 (1.587) | 40.0 to 40.6 (40.3) | 5.5 | 140 |
| 2 | 53 | 63 | LTAES07G-B | 50 | 15 | LTAES07G-C | 100 | 30 | --- | --- | --- | No | No 2.020 to 2.045 (2.032) | 51.3 to 51.9 (51.6) | 7.0 | 178 |
| 2 1/2 | 63 | 70 | LTAES08G-A | 25 | 8 | --- | --- | --- | --- | --- | --- | No | 2.480 to 2.505 (2.492) | 63.0 to 63.6 (63.3) | 9.5 | 241 |
| 3 | 78 | 80 | LTAES08G-A | 25 | 8 | --- | --- | --- | --- | --- | --- | No | 3.070 to 3.100 (3.085) | 78.0 to 78.7 (78.4) | 11.5 | 292 |
| 4 | 103 | 100 | LTAES11G-A | 25 | 8 | --- | --- | --- | --- | --- | --- | No | 4.000 to 4.040 (4.020) | 101.6 to 05.6 (102.1) | 14.0 | 356 |
| 5 | 129 | --- | LTAES12G-A | 25 | 8 | --- | --- | --- | --- | --- | --- | No | 4.975 to 5.035 (5.005) | 126.4 to 127.9 (127.1) | 20.0 | 508 |
| 6 | 155 | --- | LTAES13G-A | 25 | 8 | --- | --- | --- | --- | --- | --- | No | 6.015 to 6.075 (6.045) | 152.8 to 154.3 (153.5) | 22.5 | 572 |

System Ingress Ratings

| UL 50E "Tested" | |
|-------------------|-----------------------|
| Indoor | Type 4, 12, 13 |
| Outdoor | Type 3, 3R, 4 |
| CSA C22.2, No. 94 | Type 3, 3R, 4, 12, 13 |
| NEMA 250 | Type 3, 3R, 4, 12, 14 |
| IEC 60529 | IP66, IP67 |

System Temperature Ratings

| | |
|---------|----------------------------------|
| 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) |

For more information see
Technical Data Sheet TDS000008.
For download on our website.
Please see also page H62
for more information.

Aluminum - Fittings and accessories

Series 5200AL

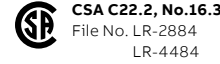


Series 5200AL Liquidtight



Series 5200ALGR Liquidtight Grounding

Approvals



Fittings **Accessories**

| Trade Size | | Type | | Series 5200AL Liquidtight | | | Series 5200ALGR Liquidtight Grounding | | | *Seal Gaskets Part No. | Wire Mesh Grips Part No. | Conduit Support Part No. |
|------------|--------|--------------|-------------|---------------------------|--------------|--------------|---------------------------------------|--------------|--------------|------------------------|--------------------------|--------------------------|
| UL Inch | CSA mm | ISO/BS EN mm | Std. Thread | Straight Part No. | 45° Part No. | 90° Part No. | Straight Part No. | 45° Part No. | 90° Part No. | | | |
| 3/8 | 12 | 16 | NPT 1/2" | 5231AL | --- | 5251AL | 5231ALGR | --- | 5251ALGR | 5261 | WMG-LT1 | P CLIP/16 |
| | | | ISO M16 | --- | --- | --- | --- | --- | | | | |
| | | | PG 13.5 | --- | --- | --- | --- | --- | | | | |
| 1/2 | 16 | 20 | NPT 1/2" | 5232AL | --- | 5252AL | 5232ALGR | --- | 5252ALGR | 5262 | WMG-LT2 | P CLIP/20 |
| | | | ISO M20 | --- | --- | --- | --- | --- | | | | |
| | | | PG 16 | --- | --- | --- | --- | --- | | | | |
| 3/4 | 21 | 25 | NPT 3/4" | 5233AL | --- | 5253AL | 5233ALGR | --- | 5253ALGR | 5263 | WMG-LT3 | P CLIP/25 |
| | | | ISO M25 | --- | --- | --- | --- | --- | | | | |
| | | | PG 21 | --- | --- | --- | --- | --- | | | | |
| 1 | 27 | 32 | NPT 1" | 5234AL | --- | 5254AL | 5234ALGR | --- | 5254ALGR | 5264 | WMG-LT4 | P CLIP/32 |
| | | | ISO M32 | --- | --- | --- | --- | --- | | | | |
| | | | PG 29 | --- | --- | --- | --- | --- | | | | |
| 1 1/4 | 35 | 40 | NPT 1 1/4" | 5235AL | --- | 5255AL | 5235ALGR | --- | 5255ALGR | 5265 | WMG-LT5 | P CLIP/40 |
| | | | ISO M40 | --- | --- | --- | --- | --- | | | | |
| | | | PG 36 | --- | --- | --- | --- | --- | | | | |
| 1 1/2 | 41 | 50 | NPT 1 1/2" | 5236AL | --- | 5256AL | 5236ALGR | --- | 5256ALGR | 5266 | WMG-LT6 | P CLIP/50 |
| | | | ISO M50 | --- | --- | --- | --- | --- | | | | |
| | | | PG 42 | --- | --- | --- | --- | --- | | | | |
| 2 | 53 | 63 | NPT 2" | 5237AL | --- | 5257AL | 5237ALGR | --- | 5257ALGR | 5267 | WMG-LT7 | P CLIP/63 |
| | | | ISO M63 | --- | --- | --- | --- | --- | | | | |
| | | | PG 48 | --- | --- | --- | --- | --- | | | | |
| 2 1/2 | 63 | 70 | NPT 2 1/2" | 5238AL | --- | 4) | 5238ALGR | --- | 4) | 5268 | WMG-LT8 | P CLIP/75 |
| | | | ISO --- | --- | --- | --- | --- | --- | | | | |
| | | | PG --- | --- | --- | --- | --- | --- | | | | |
| 3 | 78 | 80 | NPT 3" | 5239AL | --- | 4) | 5239ALGR | --- | 4) | 5269 | WMG-LT9 | --- |
| | | | ISO --- | --- | --- | --- | --- | --- | | | | |
| | | | PG --- | --- | --- | --- | --- | --- | | | | |
| 4 | 103 | 100 | NPT 4" | 5240AL | --- | 4) | 5240ALGR | --- | 4) | 5270 | WMG-LT10 | --- |
| | | | ISO --- | --- | --- | --- | --- | --- | | | | |
| | | | PG --- | --- | --- | --- | --- | --- | | | | |
| 5 | 129 | --- | NPT 5" | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | PG --- | --- | --- | --- | --- | --- | | | | |
| | | | ISO --- | --- | --- | --- | --- | --- | | | | |
| 6 | 155 | --- | NPT 6" | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | PG --- | --- | --- | --- | --- | --- | | | | |
| | | | ISO --- | --- | --- | --- | --- | --- | | | | |

*Seal gaskets required for Liquid and dust tight installations