

Halogen Free - Liquidtight flexible metal conduit

Type LTZU - UL listed



Type LTZU - Halogen Free

Halogen Free T&B Liquidtight Flexible Metal Conduit are designed for application where safety concerns exist regarding a materials reaction in a fire situation.

Materials: Galvanized Steel Core, Smooth TPU Jacket, with copper bonding wire from 3/8 to 1-1/4"

Colour: Black (Standard)

Approvals



Conduit sizes 1/2" and up meets CSA Heavy duty requirements, when used with series 5200/5300 liquidtight fittings.

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	LTZUS01B-C	100	30	LTZUS01B-K	500	150	LTZUS01B-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTZUS02B-C	100	30	LTZUS02B-K	500	150	LTZUS02B-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTZUS03B-C	100	30	LTZUS03B-K	500	150	LTZUS03B-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTZUS04B-C	100	30	LTZUS04B-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1 1/4	35	40	LTZUS05B-B	50	15	LTZUS05B-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1 1/2	41	50	LTZUS06B-B	50	15	LTZUS06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTZUS07B-B	50	15	LTZUS07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2 1/2	63	70	LTZUS08B-A	25	8	LTZUS08B-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTZUS09B-A	25	8	LTZUS09B-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTZUS11B-A	25	8	LTZUS11B-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

System Ingress Ratings

UL 50E "Listed"	
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

UL	Dry: -40 to +80°C (-40 to +176°F)
	Oil: -40 to +70°C (-40 to +158°F)
	Wet: -40 to +60°C (-40 to +140°F)
CSA	Dry: -30 to +60°C (-40 to +140°F)
	Oil: -40 to +60°C (-40 to +140°F)
	Wet: -40 to +60°C (-40 to +140°F)
IEC/CE	Gen: -45 to +90°C (-49 to +194°F)

For more information see Technical Data Sheet TDS000010. For download on our website. Please see also page H62 for more information.

Halogen Free - Liquidtight flexible metal conduit

Type LTZE - CE certified




Type LTZE - Halogen Free

Halogen Free T&B Liquidtight Flexible Metal Conduit are designed for application where safety concerns exist regarding a materials reaction in a fire situation

Materials: Galvanized Steel Core, Smooth TPU Jacket

Colour: Black (Standard)

Approvals

 IEC EN 61386-1, -23
DoC: EC-012-16-169



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	LTZES01B-C	100	30	LTZES01B-K	500	150	LTZES01B-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTZES02B-C	100	30	LTZES02B-K	500	150	LTZES02B-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTZES03B-C	100	30	LTZES03B-K	500	150	LTZES03B-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTZES04B-C	100	30	LTZES04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1 1/4	35	40	LTZES05B-B	50	15	LTZES05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1 1/2	41	50	LTZES06B-B	50	15	LTZES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTZES07B-B	50	15	LTZES07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2 1/2	63	70	LTZES08B-A	25	8	LTZES08B-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTZES09B-A	25	8	LTZES09B-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTZES11B-A	25	8	LTZES11B-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305
5	129	---	LTZES12B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	17.5	445
6	155	---	LTZES13B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	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: -40 to +80°C (-40 to +176°F)

Oil: -40 to +70°C (-40 to +158°F)

Wet: -40 to +60°C (-40 to +140°F)

IEC/CE: Gen: -45 to +90°C (+49 to +194°F)

For more information see
Technical Data Sheet TDS000011.
For download on our website.
Please see also page H62
for more information.

Halogen Free - Liquidtight flexible metal conduit

Type LTLE Aluminum - CE certified



Type LTLE Aluminum - CE Certified

Aluminum Halogen Free, CE Certified, T&B Liquidtight Flexible Metallic Conduit are designed for applications with light weight requirements where safety concerns exist rearing a materials reaction in a fire situation

Materials: Aluminum Core, Smooth TPU Jacket

Colour: Gray (Standard), Black (Optional)

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	LTLES01G-C	100	30	LTLES01G-K	500	150	LTLES01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTLES02G-C	100	30	LTLES02G-K	500	150	LTLES02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTLES03G-C	100	30	LTLES03G-K	500	150	LTLES03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTLES04G-C	100	30	LTLES04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1 1/4	35	40	LTLES05G-B	50	15	LTLES05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1 1/2	41	50	LTLES06G-B	50	15	LTLES06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTLES07G-B	50	15	LTLES07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2 1/2	63	70	LTLES08G-A	25	8	LTLES08G-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTLES09G-A	25	8	LTLES09G-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTLES11G-A	25	8	LTLES11B-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

System Ingress Ratings

UL 50E "Tested"	
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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: -40 to +80°C (-40 to +176°F)
	Oil: -40 to +70°C (-40 to +158°F)
	Wet: -40 to +60°C (-40 to +140°F)
IEC/CE:	Gen: -45 to +90°C (+49 to +194°F)

For more information see
 Technical Data Sheet TDS000012.
 For download on our website.
 Please see also page H62
 for more information.

Wide & Extreme Temperature - Fittings and accessories

Series 5300-HT/ 5300SST6HT - High Temperature



Series 5300-HT Liquidtight High Temp



Series 5300SST6HT High Temp

Approvals



UL 514 B
File No. E23018



IEC EN 61386-1,-23
DoC: EC-12-7191
EC-12-7192



CSA C22.2, No.18.3
File No. LR-2884
LR-4484



Fittings

Accessories

Trade Size		Type		Series 5300-HT "High Temp"			Series 5300SST6HT SST 316 "High Temp"			*Seal Gasket	Wire Mesh Grips	Conduit Support	**Lock Nuts SST
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.	Part No.	Part No.	Part No.	Part No.
3/8	12	16	NPT 1/2"	5331-HT	5341-HT	5351-HT	5331SST6HT	5341SST6HT	5351SST6HT	5261-HT	WMG-LT1	P CLIP/16	LNSS038
			ISO M16	---	---	---	9330SST6HT	9340SST6HT	9350SST6HT				LNSSM16
			PG 13.5	---	---	---	---	---	---				---
1/2	16	20	NPT 1/2"	5332-HT	5342-HT	5352-HT	5332SST6HT	5342SST6HT	5352SST6HT	5262-HT	WMG-LT2	P CLIP/20	LNSS050
			ISO M20	---	---	---	9332SST6HT	9342SST6HT	9352SST6HT				LNSSM20
			PG 16	---	---	---	---	---	---				---
3/4	21	25	NPT 3/4"	5333-HT	5343-HT	5353-HT	5333SST6HT	5343SST6HT	5353SST6HT	5263-HT	WMG-LT3	P CLIP/25	LNSS075
			ISO M25	---	---	---	9333SST6HT	9343SST6HT	9353SST6HT				LNSSM25
			PG 21	---	---	---	---	---	---				---
1	27	32	NPT 1"	5334-HT	5344-HT	5354-HT	5334SST6HT	5344SST6HT	5354SST6HT	5264-HT	WMG-LT4	P CLIP/32	LNSS100
			ISO M32	---	---	---	9334SST6HT	9344SST6HT	9354SST6HT				LNSSM32
			PG 29	---	---	---	---	---	---				---
1 1/4	35	40	NPT 1 1/4"	5335-HT	5345-HT	5355-HT	5335SST6HT	5345SST6HT	5355SST6HT	5265-HT	WMG-LT5	P CLIP/40	LNSS125
			ISO M40	---	---	---	9335SST6HT	9345SST6HT	9355SST6HT				LNSSM40
			PG 36	---	---	---	---	---	---				---
1 1/2	41	50	NPT 1 1/2"	5336-HT	5346-HT	5356-HT	5336SST6HT	5346SST6HT	5356SST6HT	5266-HT	WMG-LT6	P CLIP/50	LNSS150
			ISO M50	---	---	---	9336SST6HT	9346SST6HT	9356SST6HT				LNSSM50
			PG 42	---	---	---	---	---	---				---
2	53	63	NPT 2"	5337-HT	5347-HT	5357-HT	5337SST6HT	5347SST6HT	5357SST6HT	5267-HT	WMG-LT7	P CLIP/63	LNSS200
			ISO M63	---	---	---	9337SST6HT	9347SST6HT	9357SST6HT				LNSSM63
			PG 48	---	---	---	---	---	---				---
2 1/2	63	70	NPT 2 1/2"	5338-HT	5348-HT	5358-HT	---	---	---	5268-HT	WMG-LT8	P CLIP/75	---
			ISO ---	---	---	---	---	---	---				---
			PG ---	---	---	---	---	---	---				---
3	78	80	NPT 3"	5339-HT	5349-HT	5359-HT	---	---	---	5269-HT	WMG-LT9	---	---
			ISO ---	---	---	---	---	---	---				---
			PG ---	---	---	---	---	---	---				---
4	103	100	NPT 4"	5340-HT	5350-HT	5360-HT	---	---	---	5270-HT	WMG-LT10	---	---
			ISO ---	---	---	---	---	---	---				---
			PG ---	---	---	---	---	---	---				---
5	129	---	NPT 5"	5385-HT	---	---	---	---	---	---	---	---	---
			PG ---	---	---	---	---	---	---				---
			ISO ---	---	---	---	---	---	---				---
6	155	---	NPT 6"	5386-HT	---	---	---	---	---	---	---	---	---
			PG ---	---	---	---	---	---	---				---
			ISO ---	---	---	---	---	---	---				---

*Seal gaskets required for Liquid and dust tight installations
 **Locknuts must be ordered separately for 5300-NB LT Fittings

Halogen Free - Fittings and accessories

Series 5200AL Aluminum



Approvals



UL 514 B
File No. E23018



IEC EN 61386-1,-23
File No. EC-012-7187
EC-012-7188



CSA C22.2, No.18.3
File No. LR-2884
LR-4484



Series 5200AL

Fittings										Accessories				
										Series 5300 Aluminum Liquidtight		Series 5200AL GR Aluminum Liquidtight		
Trade Size		Type		Insulated			Non-Insulated			Sealing Gasket 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	3/2"	5231AL	---	5251AL	5231ALGR	---	5251ALGR	5261	WMG-LT1	P CLIP/16	
			ISO	M16	---	---	---	---	---	---				
			PG	13.5	---	---	---	---	---	---				
1/2	16	20	NPT	3/2"	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	---	---	5238ALGR	---	---	5268	WMG-LT8	P CLIP/75	
			ISO	---	---	---	---	---	---	---				
			PG	---	---	---	---	---	---	---				
3	78	80	NPT	3"	5239AL	---	---	5239ALGR	---	---	5269	WMG-LT9	---	
			ISO	---	---	---	---	---	---	---				
			PG	---	---	---	---	---	---	---				
4	103	100	NPT	4"	5240AL	---	---	5240ALGR	---	---	5270	WMG-LT10	---	
			ISO	---	---	---	---	---	---	---				
			PG	---	---	---	---	---	---	---				

*Seal gaskets required for Liquid and dust tight installations