

# Ordering Information

## LIQUID-TUFF™

### Low Smoke Zero Halogen – Type LSZH UL Liquidtight Flexible Metal Conduit Type LFMC



#### Description

- Low smoke, zero halogen raceway
- Low toxicity generation characteristics
- Hot dipped zinc galvanized low carbon steel core
- Excellent temperature ratings
- Black thermoplastic polyurethane jacket
- UL copper bonding strip 3/8" – 1¼"
- Sunlight resistant
- Flame retardant TPU jacket

#### Temperature Rating

- 80°C/176°F Dry
- 60°C/140°F Wet
- 70°C/158°F Oil resistant
- -40°C

#### Applications

- Wherever limiting toxic material of combustion is needed
- 600 volt and lower circuits
- Direct burial and concrete embedment
- Bond wire for grounding in sizes 3/8" – 1¼" NEC® 250.118(7)
- Hazardous locations per NEC® 501

#### Full Engineering Specifications Page 36



#### References & Ratings

- UL 360 File E26540
- NEC® 250.102, 250.118(7), 250.134(B), 300.22, 350, 390.15, 501.4(B)(2), 502.4(A)(1)(e), 503.3(A)(2), 511.7(A)(1), 645.5(D)(2), 680.21, 680.42, 695.6(E) and 695.14(E)
- Department of Defense UL 360 adopted on October 1, 1987
- ASTM® E 162 Flame Spread Index
- ASTM® E 662 Smoke Density Generation
- Bombardier SMP-800C Toxic Gas Generation
- UL 94 Tests for Flammability of Plastic Materials for Parts
- UL does not list any manufacturers liquidtight conduit as low smoke zero halogen

#### Ordering Information

#### Product Dimensions/Bend Radius

Product Code	Trade Size (inches)	Trade Size (mm)	Coil Length (feet)	Reel Length (feet)	Approx. Weight/100 feet (pounds)	External Diameter (inches)		Internal Diameter (min/max) inches	Bend Radius (inches)
						Over Conduit (min/max)	Over Jacket (min/max)		
6701-30-00	3/8	12	100'	—	24	0.594/0.614	0.690/0.710	0.484/0.504	2
6702-30-00	1/2	16	100'	—	31	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6702-45-00	1/2	16	—	500'	31	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6702-60-00	1/2	16	—	1000'	31	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6703-30-00	3/4	21	100'	—	47	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6703-45-00	3/4	21	—	500'	47	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6703-60-00	3/4	21	—	1000'	47	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6704-30-00	1	27	100'	—	78	1.201/1.226	1.290/1.315	1.041/1.066	6.5
6704-41-00	1	27	—	400'	78	1.201/1.226	1.290/1.315	1.041/1.066	6.5
6705-24-00	1¼	35	50'	—	102	1.540/1.570	1.630/1.660	1.380/1.410	8
6705-40-00	1¼	35	—	200'	102	1.540/1.570	1.630/1.660	1.380/1.410	8
6705-47-00	1¼	35	—	750'	102	1.540/1.570	1.630/1.660	1.380/1.410	8
6706-24-00	1½	41	50'	—	107	1.735/1.770	1.865/1.900	1.575/1.600	9
6707-24-00	2	53	50'	—	144	2.180/2.215	2.340/2.375	2.020/2.045	11.12
6708-22-00	2½	63	25'	—	168	2.640/2.675	2.840/2.875	2.480/2.505	14.62

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.



## Ordering Information

# LIQUID-TUFF™

## Low Smoke Zero Halogen – Type LSZH-VF Non-UL Liquidtight Flexible Metal Conduit

[Full Engineering Specifications Page 38](#)

### Description

- Low smoke, zero halogen raceway
- Low toxicity generation characteristics
- Hot dipped zinc galvanized low carbon steel core
- Excellent temperature ratings
- Black thermoplastic polyurethane jacket
- Sunlight resistant
- Flame retardant TPU jacket



### Temperature Rating

- 80°C/176°F Dry
- 60°C/140°F Wet
- 70°C/158°F Oil resistant
- -40°C

### Applications

- Wherever limiting toxic material of combustion is needed
- 600 volt and lower circuits

### References & Ratings

- Non-UL core
- ASTM® E 162 Flame Spread Index
- ASTM® E 662 Smoke Density Generation
- Bombardier SMP-800C Toxic Gas Generation
- UL 94 Tests for Flammability of Plastic Materials for Parts

## Ordering Information

## Product Dimensions/Bend Radius

Product Code	Trade Size (inches)	Trade Size (mm)	Coil Length (feet)	Reel Length (feet)	Approx. Weight/100 feet (pounds)	External Diameter (inches)		Internal Diameter (min/max) inches	Bend Radius (inches)
						Over Conduit (min/max)	Over Jacket (min/max)		
6751-30-00	3/8	12	100'	–	21	0.594/0.614	0.690/0.710	0.484/0.504	2
6752-30-00	1/2	16	100'	–	25	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6752-45-00	1/2	16	–	500'	25	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6752-60-00	1/2	16	–	1000'	25	0.732/0.765	0.820/0.840	0.622/0.642	3.25
6753-30-00	3/4	21	100'	–	32	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6753-45-00	3/4	21	–	500'	32	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6753-60-00	3/4	21	–	1000'	32	0.930/0.960	1.030/1.050	0.820/0.840	4.25
6754-30-00	1	27	100'	–	43	1.201/1.226	1.290/1.315	1.041/1.066	6.5
6754-41-00	1	27	–	400'	43	1.201/1.226	1.290/1.315	1.041/1.066	6.5
6755-24-00	1¼	35	50'	–	57	1.540/1.570	1.630/1.660	1.380/1.410	8
6755-40-00	1¼	35	–	200'	57	1.540/1.570	1.630/1.660	1.380/1.410	8
6755-47-00	1¼	35	–	750'	57	1.540/1.570	1.630/1.660	1.380/1.410	8
6756-24-00	1½	41	50'	–	85	1.735/1.770	1.865/1.900	1.575/1.600	9
6757-24-00	2	53	50'	–	112	2.180/2.215	2.340/2.375	2.020/2.045	11.12
6758-22-00	2½	63	25'	–	116	2.640/2.675	2.840/2.875	2.480/2.505	14.62

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.