

Liquid-tight Flexible Metal Conduit (LFMC) – UL/cULus Type

UL listed Liquid-tight flexible steel conduit assembled with UL listed connector provides excellent liquid-tight performance and can be applied in Class 1 Division 2 hazardous area. This series also contains EMI/RFI shielding ability.

A2066

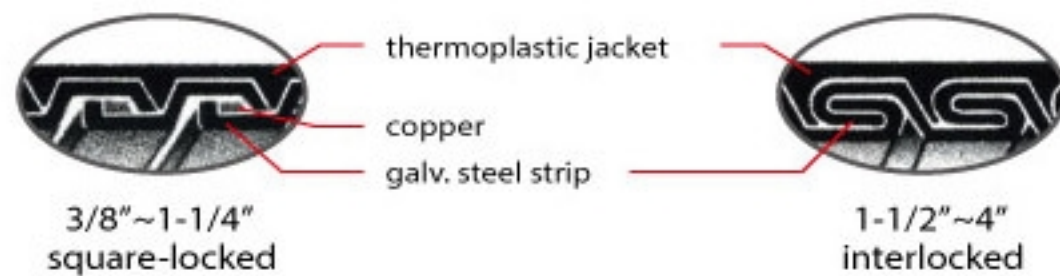
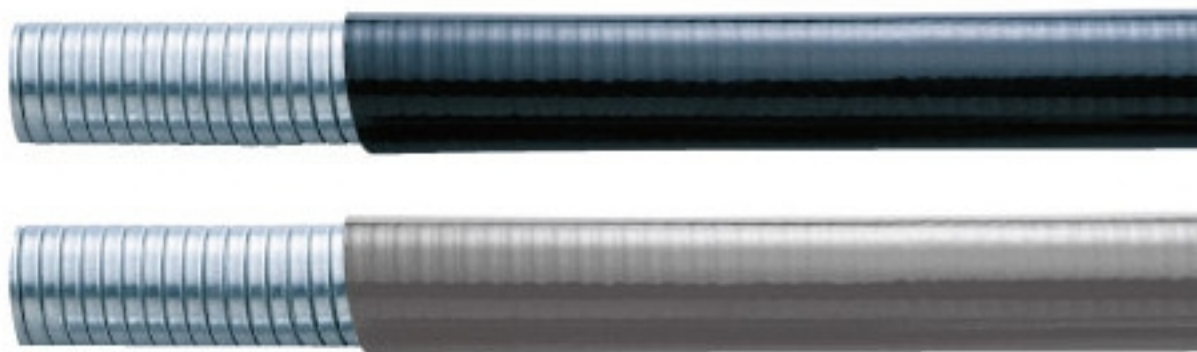
- UL/cULus Listed
- UL Rating: Dry -20°C~60°C, Wet 60°C, Oil 60°C
- CSA Rating: Dry, Oil 60°C
- Color: Black

R2066

- UL/cULus Listed
- UL Rating: Dry -20°C~ 80°C, Wet 60°C, Oil 70°C
- CSA Rating: Dry, Oil 75°C
- Color: Black, gray, other colors are available by request

S2066

- UL/cULus Listed
- UL Rating: Dry -55°C~ 105°C, Wet 60°C, Oil 70°C
- CSA Rating: Dry -50°C~ 105°C, Oil 75°C
- Color: Black



Features

Construction:

- Corrosion-resistant, hot-dipped galvanized steel strip wound, RoHS and UL 360 compliant PVC jacketed.
- Liquid-tight, oil-resistant, flame retardant, and sunlight resistant.
- Sizes 3/8"~1-1/4" by square-locked and a continuous copper bonding strip built into the core. Sizes 1-1/2"~4" by interlocked and must be installed with a separate grounding conductor to conform with NEC article 250.

Certification:

- Conform to UL 360/CSA C22.2 No. 56, file no. E118165.
- Meet Taiwan Power Company 1134.201-ES-7 (REV.2) Spec. of electrical flexible conduit, file no. 77-099.

Application:

- For circuits lower than 600 volts.
- For using as grounding, 3/8"~1/2" for circuits lower than 20A, 3/4"~1-1/4" for circuits lower than 60A, length shall not longer than 1.8m as National Electrical Code (NEC) 250.118
- For conveyer, blowers, conditioning facility and machinery tools
- For places where wires need to be away from water, oil, gas or dusts and require flexibility
- For motor leads connection
- For hazardous area Class 1 Division 2, Class 2 Division 1, Class 2 Division 2, Class 3 Division 1, Class 3 Division 2, Class 1 Zone 2
- According to NEC 350.6, LFMC and associated fittings shall be listed.

Standard:

- UL 360, CSA C22.2 No.56
- ANSI/NFPA 70, NEC 350
- ANSI/NFPA 70, NEC 250.118 (6)

Trade Size (inch)	Catalog Number			Min. I.D. (mm)	Max. I.D. (mm)	Min. O.D. (mm)	Max. O.D. (mm)	Min. Bending Radius (mm)	Packing (m)
3/8"	A20660300	R20660300	S20660300	12.29	12.80	17.50	18.00	50.5	30
1/2"	A20660400	R20660400	S20660400	15.80	16.31	20.80	21.30	82.5	30
3/4"	A20660600	R20660600	S20660600	20.83	21.34	26.20	26.70	108.0	30
1"	A20661000	R20661000	S20661000	26.44	27.08	32.80	33.40	165.0	20
1-1/4"	A20661200	R20661200	S20661200	35.05	35.81	41.40	42.20	203.0	15
1-1/2"	A20661400	R20661400	S20661400	40.01	40.64	47.40	48.30	228.5	15
2"	A20662000	R20662000	S20662000	51.31	51.94	59.40	60.30	282.5	10
2-1/2"	A20662400	R20662400	S20662400	62.99	63.63	72.10	73.00	374.5	8
3"	A20663000	R20663000	S20663000	77.98	78.74	87.90	88.90	444.5	8
4"	A20664000	R20664000	S20664000	101.60	102.62	113.30	114.30	609.5	5