

## Flexible Metal Conduit – FMC (UL Listed)

**A2082**


### Features

#### Construction:

- Galvanized steel core
- High tensile, high impact strength and flexibility

#### Certification:

- Meets National Electrical Code 348 and Underwriters Laboratories requirements UL1, file #E113601. UL Listed trade size: 3/8"~2". UL Recognized trade size: 5/16".
- Meets Taiwan power company 1134.201-ES-7 (REV.2) spec. of electrical flexible conduit, file 77-099.

#### Application:

- For indoor or conditioning environment
- For power supply and lighting, motor and control panel
- For fire alarm system, signal cables, such as surveillance system and optical fiber cable
- For elevator, escalator, lift
- For hazardous area Class 3 Division 1, 2

#### Applicable to:

- ANSI/NFPA 70 National Electrical Code (NEC) 348
- UL1
- NEC 300-22 (c), 348, 620.21, 250.118(5), 600.7, 600.31 (1000 volts or less), 600.32 (>1000 volts), 501.10(B)(2) & 501.30(B)
- ANSI / NFPA 79 sec. 16, 16.3.4, 17.7, 17.9



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)
5/16"	A20820250	7.92	8.32	11.94	12.95	44	30
3/8"	A20820300	9.52	9.96	14.22	15.49	50	30
1/2"	A20820400	15.88	16.38	21.84	23.37	75	30
3/4"	A20820600	20.62	21.21	26.54	28.07	100	30
1"	A20821000	25.40	26.42	33.02	35.05	125	30
1-1/4"	A20821200	31.75	33.02	39.37	41.40	160	20
1-1/2"	A20821400	38.10	40.01	46.99	49.53	190	20
2"	A20822000	50.80	52.83	59.69	62.23	255	15