



Data-Flex Flexible Metal Conduit

Flexible Metal Conduit. Crush/Corrosion Resistant. Smooth Interior for Easy Pulling.

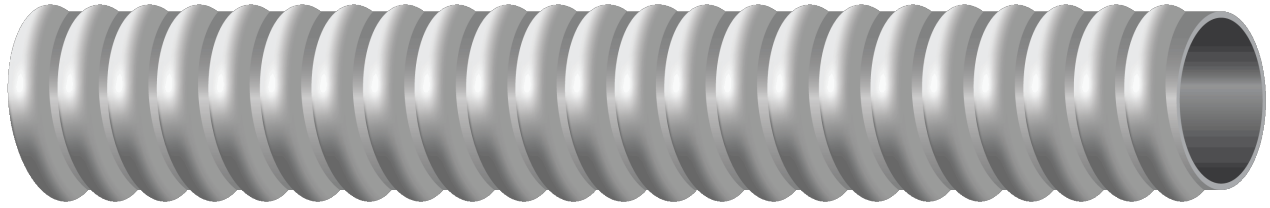


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Aarmor:** Data-Flex is manufactured with a spiral wound strip of corrosion-resistant, hot-dipped galvanized steel with a heavy zinc coating. The metal strip is helically formed into a continuously interlocked flexible metal conduit that can withstand impact and crushing forces.

APPLICATIONS AND FEATURES:

Data-Flex Flexible Metal Conduit is suitable for the following installations:

- Suitable for concealed, exposed, or approved raceways
- Can be used where listed products are not required.

Features

- Provides mechanical protection for conductors and cable
- Smooth interior for easy wire pulling
- High strength steel construction
- Superior crush proof qualities
- Hot-dipped, heavy zinc coating for rust/corrosion resistance
- Built in flexibility for simplified positioning

SPECIFICATIONS:

- NFPA 70 (National Electrical Code), Article 350 - Liquidtight Flexible Metal Conduit





Data-Flex® Flexible Metal Conduit

| Trade Size | Inner Diam (Min/Max) | Outer Diam (Min/Max) | Weight | Minimum Bend Radius |
|------------|----------------------|----------------------|----------|---------------------|
| Inch | Inch | Inch | Lb/100ft | Inch |
| 5/16 | 0.312/0.337 | 0.470/0.510 | 9 | 2.5* |
| 3/8 | 0.375/0.393 | 0.560/0.610 | 12 | 3* |
| 1/2 | 0.625/0.645 | 0.860/0.920 | 19 | 4 |
| 3/4 | 0.812/0.835 | 1.045/1.105 | 24 | 5 |
| 1 | 1.000/1.040 | 1.300/1.380 | 32 | 8 |
| 1-1/4 | 1.250/1.300 | 1.550/1.630 | 46 | 10 |
| 1-1/2 | 1.500/1.575 | 1.850/1.950 | 54 | 12 |
| 2 | 2.000/2.080 | 2.350/2.450 | 75 | 16 |
| 2-1/2 | 2.5 | 2.860/3.060 | 92 | 20 |
| 3 | 3.0 | 3.360/3.560 | 109 | 24 |
| 3-1/2 | 3.5 | 3.860/4.060 | 126 | 28 |
| 4 | 4.0 | 4.360/4.560 | 143 | 32 |

* Suggestion only. Non-NEC requirement

Put Ups

| Trade Size (Inch) | 25 ft | 50 ft | 100 ft | 150 ft | 250 ft | 300 ft | 400 ft | 500 ft | 600 ft | 1000 ft |
|-------------------|----------|----------|----------|----------|----------|--------|----------|--------|--------|----------|
| 3/8 | | | 55282001 | | 55282002 | | | | | 55282003 |
| 1/2 | | | 55282101 | | | | | | | 55282103 |
| 3/4 | | | 55282201 | | | | | | | 55282203 |
| 1 | | 55282304 | | | | | 55282305 | | | |
| 1-1/4 | | 55282404 | | | 55282406 | | | | | |
| 1-1/2 | 55282508 | | | 55282515 | | | | | | |
| 2 | 55282608 | | 55282609 | | | | | | | |
| 2-1/2 | 55282708 | | | | | | | | | |
| 3 | 55282908 | | | | | | | | | |
| 3-1/2 | 55283008 | | | | | | | | | |
| 4 | 55283108 | | | | | | | | | |

