

# Titan® - Type EF and AEF

(Extra-Flexible Liquidtight Metal Conduit)

Extra-Flexible Liquidtight Metal Conduit. Steel or Aluminum Constructions.  
General Purpose Use. Oil-Resistant. Sunlight-Resistant. Temperature Rated -10°C to 60°C.



## APPLICATIONS

Titan® Extra-Flexible Liquidtight Flexible Metallic Conduit is suitable for the following installations:

- Delivers wiring protection where listed products are not required
- Seals out abrasives, alcohol, coolants, corrosive fumes and gases, dirt, grease, mineral acids, non-concentrated fixed alkalines, petroleum oils, salt air spray, water and weather
- Used in industrial and commercial applications for conveyors, blowers, cranes, air conditioners, machine tooling and lubrication equipment where UL listing is not required
- For exposed or concealed installations requiring movement, crossover connections, or tight bends

## CONSTRUCTION

Titan® Type EF is manufactured with a spiral wound interlocked strip of corrosion-resistant, galvanized steel. Titan Type EF is manufactured with a spiral wound interlocked strip of steel.

Titan Type AEF is manufactured with a spiral wound interlocked strip of aluminum. A flame retardant, flexible PVC jacket is extruded over the metal cores. The grey jacket resists oils, mild acids and exposure to sunlight. Black available but subject to economic order quantity.

## FEATURES

- Resistant to weather, heat, oil, and chemical breakdown
- Smooth metal interior for easy wire pulling
- Requires standard liquid-tight fittings
- Rated for temperature range of -10°C to 60°C (14°F to 140°F)

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# Titan - Type EF and AEF

## Extra-Flexible Liquidtight Metallic Conduit - Steel Core Type EF

Trade Size (Inches)	Approximate Weight (lbs/100 ft)	Inner Diameter Min./Max. (inches)	Outer Diameter Min./Max. (inches)	Approx. Bend Radius* (Inches)	Standard Coil Length (feet)	Standard Reel Length (feet)
3/8	22	0.484 / 0.504	0.690 / 0.710	4	100	600
1/2	23	0.622 / 0.642	0.820 / 0.840	4	100	500/1000
3/4	29	0.820 / 0.840	1.030 / 1.050	5	100	500/1000
1	58	1.041 / 1.066	1.290 / 1.315	6	100	400
1-1/4	73	1.380 / 1.410	1.630 / 1.660	8	50	250
1-1/2	95	1.575 / 1.600	1.865 / 1.900	10	50	150
2	131	2.020 / 2.045	2.340 / 2.375	12	50	100
2-1/2	156	2.480 / 2.505	2.840 / 2.875	15	25	150
3	209	3.070 / 3.100	3.460 / 3.500	18	25	100
3-1/2	259	3.500 / 3.540	3.960 / 4.000	21	25	100
4	306	4.000 / 4.040	4.460 / 4.500	24	25	100

\* Minimum bend radius based on NEC Chapter 9, Table 2 (other bends) per Article 350

## Extra-Flexible Liquidtight Metallic Conduit - Aluminum Core Type AEF

Trade Size (Inches)	Approximate Weight (lbs/100 ft)	Inner Diameter Min./Max. (inches)	Outer Diameter Min./Max. (inches)	Approx. Bend Radius* (Inches)	Standard Coil Length (feet)	Standard Reel Length (feet)
3/8	15	0.484 / 0.504	0.690 / 0.710	4	100	600
1/2	16	0.622 / 0.642	0.820 / 0.840	4	100	500/1000
3/4	20	0.820 / 0.840	1.030 / 1.050	4.5	100	500/1000
1	41	1.041 / 1.066	1.290 / 1.315	5.75	100	400
1-1/4	51	1.380 / 1.410	1.630 / 1.660	7.25	50	250
1-1/2	67	1.575 / 1.600	1.865 / 1.900	8.25	50	150
2	92	2.020 / 2.045	2.340 / 2.375	9.5	50	100
2-1/2	109	2.480 / 2.505	2.840 / 2.875	10.5	25	150
3	146	3.070 / 3.100	3.460 / 3.500	13	25	100
3-1/2	181	3.500 / 3.540	3.960 / 4.000	15	25	100
4	214	4.000 / 4.040	4.460 / 4.500	16	25	100

\* Minimum bend radius based on 2011 NEC Chapter 9, Table 2 (other bends) per Article 350.