

TYPE BR



This non-jacketed flexible steel "Blue Ribbon" (BR) conduit has many universal wiring applications. It is often referred to as "Greenfield" or "Reduced Wall Flex"

CONSTRUCTION:

Type BR is formed from a highly corrosion-resistant, hot-dipped galvanized steel. Its profile and helical shape allow it to withstand substantial impact and crushing forces.

Meets federal specification A-A-55810 Type IV (formerly WW-C-566c Type II).

APPLICATION:

This conduit is intended for installation as a metal raceway for wires and cable in accordance with the NEC (ANSI/NFPA-70), Article 348.

- Suitable as an equipment grounding conductor (Section 250.118(5)).
- Wiring in elevators, hoist ways and escalators (Section 620.21).
- Limit on use of 3/8-inch trade size (Section 348.20).
- Raceway connection to motors (Section 430.223).



- Cranes and hoists (Section 610.11).
- Manufactured wiring systems (Section 604.6(a)).
- Suitable for use with listed connectors intended for FMC (Flexible Metal Conduit).
- Flexible metal conduit is also permitted for use on industrial machinery (ANSI/NFPA-79) (Section 14.5.4).

UL Listed File #E53253 (sizes 3/8 through 3 inch). Conforms to Underwriters Laboratories Standard ANSI/UL-1 for Flexible Metal Conduit.

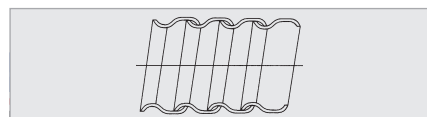
RoHS and WEEE Compliant.

SP Certified File #LL18858 (3/8 inch size only). Conforms to CSA 22.2 No. 56 for use per the Canadian electrical code C22.1 Section 12-1000.

METAL USED: Steel



Types BR and ABR Strip Profile



| Trade Size (In.) | Type | Diameter (In.) | | Inside Bend Radius (In.) | Wt. (Lbs.)/100 Ft. | Coil Footage | | | | | | | | Reel Footage | |
|------------------|--------|----------------|---------------|--------------------------|--------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|
| | | Inner Min/Max | Outer Min/Max | | | Length | Part # | Length | Part # | Length | Part # | Length | Part # | Length | Part # |
| 3/8 | BR-10 | 0.375/0.393 | 0.560/0.610 | 2.0 | 18 | 25 | 69308 | 50 | 69309 | 100 | 69301 | 250 | 69302 | 1000 | 69304 |
| 1/2 | BR-11 | 0.625/0.645 | 0.860/0.920 | 3.0 | 28 | 25 | 69318 | 50 | 69319 | 100 | 69311 | - | - | 1000 | 69312 |
| 3/4 | BR-12 | 0.812/0.835 | 1.045/1.105 | 4.0 | 33 | 25 | 69328 | 50 | 69329 | 100 | 69322 | - | - | 500 | 69324 |
| 1 | BR-13 | 1.000/1.040 | 1.300/1.380 | 5.0 | 52 | 25 | 69338 | 50 | 69332 | - | - | - | - | 400 | 69334 |
| 1-1/4 | BR-14 | 1.250/1.300 | 1.550/1.630 | 6.2 | 65 | - | - | 50 | 69342 | - | - | - | - | 400 | 69344 |
| 1-1/2 | BR-15 | 1.500/1.575 | 1.850/1.950 | 7.5 | 80 | 25 | 69352 | - | - | - | - | - | - | 300 | 69354 |
| 2 | BR-16 | 2.000/2.080 | 2.350/2.454 | 10.0 | 99 | 25 | 69362 | - | - | - | - | - | - | 150 | 69364 |
| 2-1/2 | BR-17 | 2.500/2.700 | 2.860/3.060 | 12.5 | 166 | 25 | 69372 | - | - | - | - | - | - | - | - |
| 3 | BR-18 | 3.000/3.200 | 3.360/3.560 | 15.0 | 190 | 25 | 69382 | - | - | - | - | - | - | - | - |
| 3-1/2 | BR-350 | 3.500/- | 3.860/4.060 | 17.5 | 170 | 25 | 69387 | - | - | - | - | - | - | - | - |
| 4 | BR-19 | 4.000/- | 4.360/4.560 | 20.0 | 200 | 25 | 69392 | - | - | - | - | - | - | - | - |