

Carflex® Liquidtight Flexible Conduit and Accessories

Product Overview

Liquidtight Flexible Nonmetallic Conduit provides superior wire protection in harsh, damp environments. Carflex® Conduit is non-conductive, non-corrosive and resistant to oil, acid, ozone and alkaline. Carflex® Conduit is strong and lightweight and because it weighs 50% less than metallic systems, it's easy to handle, transport and install. Carflex® is ideal for industrial, air conditioning, heating and outdoor lighting applications.

Features

- Non-conductive and non-corrosive
- Lightweight for easy handling, transportation and installation
- Crush, abrasion and strain resistant
- Provides superior wire protection
- Smooth interior ideal for pulling cable
- No jagged edges
- Maintains internal I.D. even in tight radius bends
- Type LFNC-B
- Resistant to oil, acid, ozone and alkaline
- CSA Certified as per Section 12-1300 of the Canadian Electrical Code, Part 1
- Sequentially marked footage
- Suitable for use at conduit temperatures of 80°C dry, 60°C wet and 60°C oil

Note: Liquidtight flexible conduits, metallic and nonmetallic, in contrast to rigid PVC conduit and electrical nonmetallic tubing, do not have wire temperature limitations. Any temperature rated wire (for example, 90° wire) can be used as long as the temperature conditions marked on the conduit are not exceeded.



Applications

- Control and motor
- Air conditioning and heating
- Computer power distribution
- Machine tools
- Console wiring
- Transformer connections
- Outdoor lighting



| Coils | | | | | |
|------------|-----------------|-----------------|-----------------|-------------------|---------------------|
| Cat. No. | Nom. Size (in.) | Avg. O.D. (in.) | Avg. I.D. (in.) | Length Coil (ft.) | Std. Coil Wt. (lb.) |
| 15004-100 | 3/8 | 0.700 | 0.4890 | 100 | 11.70 |
| 15005C-025 | 1/2 | 0.830 | 0.6270 | 25 | 3.25 |
| 15007-100 | 3/4 | 1.040 | 0.8250 | 100 | 18.00 |
| 15007C-025 | 3/4 | 1.040 | 0.8250 | 25 | 4.25 |
| 15008-100 | 1 | 1.302 | 1.046 | 100 | 28.00 |
| 15009-100 | 1-1/4 | 1.645 | 1.385 | 100 | 37.60 |
| 15010-50 | 1-1/2 | 1.882 | 1.580 | 50 | 22.55 |
| 15010-100 | 1-1/2 | 1.882 | 1.580 | 100 | 47.80 |
| 15011-050 | 2 | 2.357 | 2.025 | 50 | 34.10 |

Standard colour Grey

| Reels | | | | | |
|-----------|-----------------|-----------------|-----------------|--------------------|---------------------|
| Cat. No. | Nom. Size (in.) | Avg. O.D. (in.) | Avg. I.D. (in.) | Length Reels (ft.) | Std. Reel Wt. (lb.) |
| 15004-001 | 3/8 | 0.700 | 0.4890 | 1000 | 145.0 |
| 15005-001 | 1/2 | 0.830 | 0.6270 | 1000 | 157.0 |
| 15007-001 | 3/4 | 1.040 | 0.8250 | 1000 | 212.0 |
| 15008-500 | 1 | 1.302 | 1.046 | 500 | 155.0 |
| 15009-200 | 1-1/4 | 1.645 | 1.385 | 200 | 100.0 |
| 15010-150 | 1-1/2 | 1.882 | 1.580 | 150 | 95.7 |
| 15011-100 | 2 | 2.357 | 2.025 | 100 | 94.6 |