

Carflex liquidtight flexible conduit

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

Coils



Cat. no.	Nom. size (in.)	Avg. O.D. (in.)	Avg. I.D. (in.)	Length reel (ft.)	Std. reel 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
15010-050	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 reel (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

Note: Liquidtight flexible conduit, 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 °C 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