



**Carflex** Liquidtight Flexible Nonmetallic Conduit provides superior wire protection in harsh, damp environments. Carflex Conduit is nonconductive, noncorrosive, 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

- Nonconductive and noncorrosive
- 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
- UL Listed for use as indicated in Article 356.2 of the NEC; and Section 12-1300 of the Canadian Electrical Code, Part 1.
- UL Listed for outdoor use
- UL Listed for sunlight resistant
- Trade sizes 1/2", 3/4", and 1" are UL Listed for direct bury and concrete encasement.

- Sequentially marked footage
- Suitable for use at conduit temperatures of 80°C dry, 60°C wet and 60°C oil resistant as required by section 15-6 of ANSI/NFPA 79-1985 and UL 1660.

*Note: Liquidtight flexible conduits, metallic and non-metallic, in contrast to rigid PVC conduit and electrical nonmetallic tubing, does 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. UL Listed conduits that are not marked are limited to a maximum temperature of 60°C wet or dry.*

## Applications

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

## Custom Orders

- Available in black and gray. Consult factory for custom colors.
- Custom cut lengths available; consult factory for details.

Flexible Conduit & Fittings

## Coils

| Part No.     | Nom. Size (in.) | Avg. O.D. | Avg. I.D. | Std. Ctn. Qty. (ft.) | Std. Ctn. Wt. (lbs.) |
|--------------|-----------------|-----------|-----------|----------------------|----------------------|
| 15004-100    | 3/8"            | 0.700     | .4890     | 100                  | 11.70                |
| 15005-50     | 1/2"            | 0.830     | .6270     | 50                   | 6.50                 |
| 15005-100*   | 1/2"            | 0.830     | .6270     | 100                  | 13.00                |
| 15005BK-100* | 1/2"            | 0.830     | .6270     | 100                  | 13.00                |
| 15007-100*   | 3/4"            | 1.040     | .8250     | 100                  | 18.00                |
| 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 color Grey

## Reels

| Part No.    | Nom. Size (in.) | Avg. O.D. | Avg. I.D. | Std. Ctn. Qty. (ft.) | Std. Ctn. Wt. (lbs.) |
|-------------|-----------------|-----------|-----------|----------------------|----------------------|
| 15004-001   | 3/8"            | 0.700     | .4890     | 1000                 | 145.0                |
| 15005-001   | 1/2"            | 0.830     | .6270     | 1000                 | 157.0                |
| 15005BK-001 | 1/2"            | 0.830     | .6270     | 1000                 | 157.0                |
| 15007-001   | 3/4"            | 1.040     | .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                 |

Standard color Grey

\*Joint listed UL/CSA Approved product available



E79553