Oil Resistant Liquidtight Flexible Nonmetallic Conduit. UL/CSA Listed. Sunlight-Resistant. Crush-Resistant. Temperature Rated -30°C to 80°C.

APPLIEDS

Ultratite® Oil Resistant Liquidtight Flexible Nonmetallic Conduit is suitable for the following installations:

- For extreme oil and solvent environments
- For the installation and protection of electrical conductors
- Motor circuits - for conductors of motor feeders, branch and control circuits
- Where the conditions of installation, operation, or maintenance require flexibility or protection from liquids, vapors, solids, or weather
- Agricultural buildings per NEC® 547.5
- Used in industrial and commercial applications for conveyors, blowers, cranes, air conditioners, machine tooling and lubrication equipment
- Exposed or concealed installations
- Applications requiring movement, crossover connections, or tight bends
- For direct burial and encased in concrete (3/8 through 1-1/4 inch trade sizes)
- For flexible connections to swimming pool, spa, and hot tub motors per NEC® 680.21(A)(3) & 680.42(A)(1)
- Electric signs and outline lighting supply and secondary-circuit conductors per NEC® 600.7, 600.31 (1000 Volts or less) & 600.32 (over 1000 Volts)
- Hazardous locations - see Additional Applications Section on the following page for more details

STANDARDS & REFERENCES

- NEC® Type designation - Type LFNC-B (Liquidtight Flexible Nonmetallic Conduit)
- ANSI / NFPA-70, NEC Article 356
- UL Listed to Underwriters Laboratories Standard, UL 1660
- Approved by Canadian Standards Association
- REACH/RoHS-2 (Chemical Limit) Compliant

CONSTRUCTION

Ultratite® Type NMOR is manufactured with a spiral of rigid PVC reinforcement imbedded within a flexible PVC wall. The construction provides excellent impact and crush strength while remaining highly flexible. The conduit resists oils, mild acids and exposure to sunlight and is flame retardant.

© 2015 Southwire Company, LLC. All rights reserved. *Registered Trademark of Southwire Company, LLC.
One Southwire Drive, Carrollton, GA 30116, USA
<table>
<thead>
<tr>
<th>TRADE SIZE (INCHES)</th>
<th>STOCK NUMBER</th>
<th>DIAMETER (INCHES)</th>
<th>WEIGHT (LBS/100')</th>
<th>APPROX. BEND RADIUS (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>INNER (MIN/MAX)</td>
<td>OUTER (MIN/MAX)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(100')</td>
<td>(600')</td>
<td>.69/.71</td>
<td>4</td>
</tr>
<tr>
<td>1/2</td>
<td>55-35-93-01</td>
<td>55-35-93-02</td>
<td>.622/.642</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>(100')</td>
<td>(1000')</td>
<td>.82/.84</td>
<td>6.5</td>
</tr>
<tr>
<td>3/4</td>
<td>55-35-95-01</td>
<td>55-35-95-03</td>
<td>.84/.84</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>(100')</td>
<td>(1000')</td>
<td>1.03/1.05</td>
<td>8.5</td>
</tr>
<tr>
<td>1</td>
<td>55-35-96-01</td>
<td>55-35-96-04</td>
<td>1.041/1.066</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>(100')</td>
<td>(400')</td>
<td>1.29/1.315</td>
<td>13</td>
</tr>
<tr>
<td>1-1/4</td>
<td>55-35-98-01</td>
<td>55-35-98-04</td>
<td>1.38/1.41</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>(50')</td>
<td>(250')</td>
<td>1.63/1.66</td>
<td>16</td>
</tr>
<tr>
<td>1-1/2</td>
<td>55-35-99-01</td>
<td>55-35-99-04</td>
<td>1.575/1.6</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>(50')</td>
<td>(150')</td>
<td>1.865/1.90</td>
<td>18</td>
</tr>
<tr>
<td>2</td>
<td>55-36-00-01</td>
<td>55-36-00-04</td>
<td>2.02/2.045</td>
<td>63</td>
</tr>
<tr>
<td></td>
<td>(50')</td>
<td>(100')</td>
<td>2.34/2.375</td>
<td>22.2</td>
</tr>
</tbody>
</table>

* Minimum bend radius based on NEC Chapter 9 Table 2 (other bends).

**FEATURES**

- The thermoplastic jacket and conduit is rated for extreme oil and solvent environments
- A protective combination of thermoplastic materials formed into a conduit/raceway which seals out water, liquids, abrasives, alcohol, coolants, corrosive fumes and gases, dirt, grease, mineral acids, non-concentrated fixed alkalines, petroleum oils, salt air and spray, water and weather
- Smooth interior for easy wire pulling
- UV sunlight resistant jacket
- Rated for temperature range of -30°C to 80°C, 60°C Oil (Oil #1, 2 & 3), (-22°F to 176°F, 140°F)
- Accepts standard liquidtight fittings for use with LFNC-B
**ADDITIONAL APPLICATIONS**

- In Hazardous Locations - where necessary for flexible connections within hazardous locations in accordance with the following:
  - Class I, Div. 2 - NEC® 501.10(B)(2)
  - Class II, Div. 1 and Div. 2 - NEC® 502.10(A)(2) and 502.10(B)(2)
  - Class III, Div. 1 and Div. 2 - NEC® 503.10(A)(2) and 503.10(A)(2)
- Floating building feeders and services per NEC® 553.7
- Boatyards & Marinas in accordance with NEC® 555.13
- Cranes & Hoists in accordance with NEC® 610.11(C)
- For Elevator, Dumbwaiters, Escalators, Moving Walks, Wheel Chair Lifts & Stairway Chair Lifts in accordance with NEC® 620.21 (where expressly permitted)
- Under raised floors in information technology equipment conductors and cables in accordance with NEC® 645.5(D) & 645.5(D)(2)
- Service entrance in lengths up to six feet per NEC® 230.43(15)
- For containment of 600 Volt and lower potential circuits
- Approved for use in lengths longer than 6 feet per NEC® 356.10(5)
- Motor leads per NEC® 430.145(B)

**ONLINE CERTIFICATIONS & TOOLS**

- UL Online Certifications Directory (www.ul.com)
- CSA Online Certifications Directory (www.csa.ca)
- UL Guide Information - Flexible Non-Metallic Conduit, Liquidtight (DXOQ)
- CSA Product Information - Conduit-Flexible Nonmetallic, Liquidtight Conduit (1813-01)