The SUPER-FLEX Conduit is made of a special plastic blend. Due to its higher flexibility, it is an ideal solution for drag chain and robotics applications. The Conduit has a UL HB 22.86 LBF/in = Crush Resistance Flammability Rating.

**Conduit Systems**

**Conduit Systems**

- **Straight Fitting - Dimensions in Inches (mm)**
  - **Superflex Thermoplastic Elastomer**
    - **-58°F to 320°F (-50°C to 160°C)**
      - Inner Dia. (A) x Outer Dia. (B) Inches (mm)
      - ST, ET, SM & EM
  - **Part Numbers**
    - SM-1013-HY 10 164 .39 x .51 (9.9 x 12.9)
    - PG 7, 3/8" NPT, PG 9, M16
    - SM-1216-HY 12 164 .48 x .62 (12.2 x 15.7)
    - PG 11, 3/8" NPT
    - SM-1721-HY 17 164 .65 x .83 (16.6 x 21)
    - PG 16, 1/2" NPT
    - SM-2328-HY 23 164 .88 x 1.12 (22.4 x 28.4)
    - PG 21, 3/4" NPT, M25
    - SM-2934-HY 29 82 1.11 x 1.36 (28.3 x 34.5)
    - PG 29, 1" NPT, M32
    - SM-3642-HY 37 82 1.40 x 1.67 (35.5 x 42.3)
    - PG 36, 1-1/4" NPT
    - SM-4854-HY 50 82 1.87 x 2.13 (47.5 x 54.2)
    - PG 48, 2" NPT

**Flammability Rating.**

The SUPER-FLEX Conduit is made of a special plastic blend. Due to its higher flexibility, it is an ideal solution for drag chain and robotics applications. The Conduit has a UL HB 22.86 LBF/in = Crush Resistance Flammability Rating.

**Turn-To-Seal Fittings: Straight & Elbow - Nylon**

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Thread &amp; Size</th>
<th>Fits Conduit DS Size</th>
<th>Straight Fitting - Dimensions in Inches (mm)</th>
<th>Elbow - Dimensions in Inches (mm)</th>
</tr>
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<tbody>
<tr>
<td></td>
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<td>TL  L  F  F₁  E  A  TL  L  H  F  d</td>
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<tr>
<td>ST07AA-BK</td>
<td>PG 7</td>
<td>10</td>
<td>.31 (6) .10 (26) .75 (19) .87 (23) .33 (8.5) .49 (12.5) - - - -</td>
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<td>PG 7 8</td>
<td>8</td>
<td>.31 (6) .10 (26) .75 (19) .87 (23) .33 (8.5) .49 (12.5) - - - -</td>
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<td>10</td>
<td>.31 (6) .10 (26) .75 (19) .87 (23) .43 (11) .60 (15.2) .30 (7.5) .17 (4.4) .06 (27) .87 (22) .37 (9.5)</td>
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<tr>
<td>ST11AA-BK</td>
<td>PG 11 12</td>
<td>12</td>
<td>.31 (6) .10 (26) .75 (19) .87 (23) .55 (14) .73 (18.5) .31 (8) .21 (51) .14 (29) .94 (24) .51 (13)</td>
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<tr>
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<td>17</td>
<td>.31 (6) .10 (26) .87 (23) .55 (14) .67 (17) .89 (22.5) .39 (10) .20 (50) .13 (35) .18 (30) .63 (16)</td>
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<tr>
<td>ST21AA-BK</td>
<td>ET21AA-BK</td>
<td>21 23</td>
<td>.39 (10) .13 (34) .50 (8) .50 (8) .91 (23) .11 (28.4) .43 (11) .21 (57) .16 (41) .15 (38) .87 (22)</td>
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<tr>
<td>ST29AA-BK</td>
<td>ET29AA-BK</td>
<td>29 29</td>
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<tr>
<td>ST36AA-BK</td>
<td>PG 36</td>
<td>37</td>
<td>.59 (15) .73 (44) .21 (55) .24 (60) .57 (14) .21 (54.1) - - - -</td>
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<tr>
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<td>PG 48 50</td>
<td>50</td>
<td>.59 (15) .97 (50) .25 (65) .29 (71) .20 (51) .23 (54.9) - - - -</td>
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<tr>
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<td>ET11NA-BK</td>
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<td>ET16NA-BK</td>
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<td>.51 (13) .10 (26) .87 (23) .65 (16) .35 (9) .55 (14) .83 (21.1) .39 (10) .20 (50) .13 (35) .18 (30) .63 (16)</td>
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<td>ET21NA-BK</td>
<td>3/4&quot; NPT 23</td>
<td>.55 (14) .12 (31) .46 (37) .15 (38) .73 (18) .10 (26.7) .43 (11) .21 (57) .16 (41) .15 (38) .83 (21)</td>
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<tr>
<td>ST29NA-BK</td>
<td>ET29NA-BK</td>
<td>1&quot; NPT 29</td>
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<tr>
<td>ST36NA-BK</td>
<td>1-1/4&quot; NPT 37</td>
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<td>.71 (18) .73 (44) .24 (61) .24 (61) .38 (9.5) .17 (43.2) - - - -</td>
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</tr>
</tbody>
</table>

**Dimensions & Specifications may be changed without prior notice**

**Turn-To-Seal Fittings:**

- **Straight Fitting**
  - Reliable assembly as fitting is supplied pre-assembled.
  - No additional parts required
  - Integrated clamping ring ensures high tear-out strength
  - IP 65 (Type NEMA 4) without additional parts
  - Can be opened without tools
  - Smooth inside walls, therefore easy insertion of the cables into the 90° angle

- **Elbow - Dimensions in Inches (mm)**
  - Reliable assembly as fitting is supplied pre-assembled.
  - No additional parts required
  - Integrated clamping ring ensures high tear-out strength
  - IP 65 (Type NEMA 4) without additional parts
  - Can be opened without tools
  - Smooth inside walls, therefore easy insertion of the cables into the 90° angle

**ST & ET Fittings are V0 rated & have IP 65 protection without additional parts (O-Ring or Seal Ring).**

**ST - (Straight) Turn-To-Seal Conduit Fittings**

- Reliable assembly as fitting is supplied pre-assembled.
- No additional parts required
- Integrated clamping ring ensures high tear-out strength
- IP 65 (Type NEMA 4) without additional parts
- Can be opened without tools

**ET - (90° Angled Elbow) Turn-To-Seal Conduit Fittings**

- Reliable assembly as fitting is supplied pre-assembled.
- No additional parts required
- Integrated clamping ring ensures high tear-out strength
- IP 65 (Type NEMA 4) without additional parts
- Can be opened without tools
- Smooth inside walls, therefore easy insertion of the cables into the 90° angle

**V0 Rated!**

The Turn-To-Seal family consists of Conduit Fittings manufactured from high-grade polyamide. This design means that the Fittings offer a high protection rating of IP 65 (Type NEMA 4). The Fittings are completely pre-assembled and no additional parts such as cap nuts and clamping rings need to be fitted, ensuring reliability in assembly. The cable protection Conduit can be assembled quickly and easily by simply inserting the Conduit and turning the cap nut. The Elbow has smooth inside walls, making the installation of cables & wires easy.

**Dimensions & Specifications may be changed without prior notice**