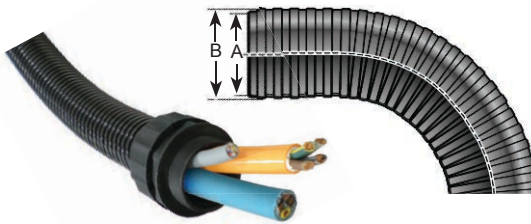


The SUPER-FLEX Conduit is made of a special plastic blend. Due to its higher flexibility, it is an ideal solution for drag chain and robotics applications. The Conduit has a UL HB 22.86 LB_f/in = Crush Resistance Flammability Rating.



*Note: CE Approval applies to SuperFlex Thermoplastic Elastomer and Standard Nominal Conduit Size 8 (SM-0811-BK)

| Superflex Conduit: Thermoplastic Elastomer - IP 54, IP 65 | | | | |
|---|--------------|--------------------|---|------------------------------|
| Part Numbers | Conduit Size | Roll Length (feet) | Dimensions | Fits Turn-to-Seal Fittings |
| -58°F to 320°F (-50°C to 160°C) | | | Inner Dia. (A) x Outer Dia. (B) Inches (mm) | ST, ET, SM & EM |
| Superflex Thermoplastic Elastomer | | | | See page 56 for thread specs |
| 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 |

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

| Part Numbers | Thread Type & Size | Fits Nominal Conduit Size | Straight Fitting - Dimensions in Inches (mm) | | | | | | Elbow - Dimensions in Inches (mm) | | | | | |
|------------------------------------|--------------------|------------------------------|--|-------------|--------------------|--------------------|-----------------|--------------------------------------|-----------------------------------|--------------|--------------|--------------------|-----------------|-----------|
| | | | TL | L | F | F ₁ | E | A | TL | L | H | F | d | |
| -40°F to 230°F (-40°C to 110°C) | | | Thread Length | Body Length | Wrench Flat (Body) | Wrench Flat (Dome) | Inside Diameter | Clearance Hole +.01" (+.25 mm) | Thread Length | Elbow Length | Elbow Height | Wrench Flat (Dome) | Inside Diameter | |
| Straight | Elbow | See page 56 for thread specs | | | | | | | | | | | | |
| ST07AA-BK | - | PG 7 | 10 | .31 (8) | 1.02 (26) | .75 (19) | .87 (22) | .33 (8.5) | .49 (12.5) | - | - | - | - | - |
| ST07AR-BK | - | PG 7 | 8 | .31 (8) | 1.02 (26) | .75 (19) | .87 (22) | .33 (8.5) | .49 (12.5) | - | - | - | - | - |
| ST09AA-BK | ET09AA-BK | PG 9 | 10 | .31 (8) | 1.02 (26) | .75 (19) | .87 (22) | .43 (11) | .60 (15.2) | .30 (7.5) | 1.77 (45) | 1.06 (27) | .87 (22) | .37 (9.5) |
| ST11AA-BK | ET11AA-BK | PG 11 | 12 | .31 (8) | 1.02 (26) | .87 (22) | .94 (24) | .55 (14) | .73 (18.5) | .31 (8) | 2.01 (51) | 1.14 (29) | .94 (24) | .51 (13) |
| ST16AA-BK | ET16AA-BK | PG 16 | 17 | .31 (8) | 1.02 (26) | 1.06 (27) | 1.18 (30) | .67 (17) | .89 (22.5) | .39 (10) | 2.20 (56) | 1.38 (35) | 1.18 (30) | .63 (16) |
| ST21AA-BK | ET21AA-BK | PG 21 | 23 | .39 (10) | 1.34 (34) | 1.50 (38) | 1.50 (38) | .91 (23) | 1.12 (28.4) | .43 (11) | 2.64 (67) | 1.61 (41) | 1.50 (38) | .87 (22) |
| ST29AA-BK | ET29AA-BK | PG 29 | 29 | .39 (10) | 1.34 (34) | 1.81 (46) | 1.81 (46) | 1.22 (31) | 1.47 (37.3) | .47 (12) | 3.23 (82) | 2.09 (53) | 1.81 (46) | 1.14 (29) |
| ST36AA-BK | - | PG 36 | 37 | .59 (15) | 1.73 (44) | 2.17 (55) | 2.40 (61) | 1.57 (40) | 2.13 (54.1) | - | - | - | - | - |
| ST48AA-BK | - | PG 48 | 50 | .59 (15) | 1.97 (50) | 2.55 (65) | 2.91 (74) | 2.01 (51) | 2.34 (59.4) | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|-----------|-----------|------------|----|----------|-----------|-----------|-----------|-----------|-------------|----------|-----------|-----------|-----------|-----------|
| ST11NA-BK | ET11NA-BK | 3/8" NPT | 12 | .55 (14) | 1.02 (26) | .87 (22) | .94 (24) | .47 (12) | .68 (17.2) | .31 (8) | 2.01 (51) | 1.14 (29) | .94 (24) | .51 (13) |
| ST16NA-BK | ET16NA-BK | 1/2" NPT | 17 | .51 (13) | 1.02 (26) | 1.06 (27) | 1.18 (30) | .55 (14) | .83 (21.1) | .39 (10) | 2.20 (56) | 1.38 (35) | 1.18 (30) | .63 (16) |
| ST21NA-BK | ET21NA-BK | 3/4" NPT | 23 | .55 (14) | 1.22 (31) | 1.46 (37) | 1.50 (38) | .75 (19) | 1.05 (26.7) | .43 (11) | 2.64 (67) | 1.61 (41) | 1.50 (38) | .83 (21) |
| ST29NA-BK | ET29NA-BK | 1" NPT | 29 | .75 (19) | 1.25 (32) | 1.81 (46) | 1.81 (46) | 1.02 (26) | 1.35 (34.3) | .47 (12) | 3.23 (82) | 2.09 (53) | 1.81 (46) | 1.06 (27) |
| ST36NA-BK | - | 1-1/4" NPT | 37 | .71 (18) | 1.73 (44) | 2.40 (61) | 2.40 (61) | 1.38 (35) | 1.7 (43.2) | - | - | - | - | - |

Straight 2" NPT Also Available

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



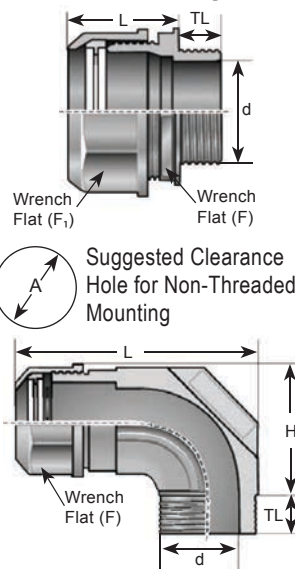
ST - (Straight) Turn-To-Seal Conduit Fittings

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



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 (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.

V0 Rated!

