



# Conduit System - Turn-to-Seal Conduit Fittings

## Straight & Elbow - PG/NPT Threads



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!

### 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)				
-40 °F to 230 °F (-40 °C to 110 °C)				A	B	C	D	E	F	G	H	I	J
  Straight      Elbow		See page 49 for thread specs		Thread Length	Body Length	Wrench Flat (Body)	Wrench Flat (Dome)	Inside Diameter	Thread Length	Elbow Length	Elbow Height	Wrench Flat (Dome)	Inside Diameter
ST07AA-BK	-			PG 7	10	.31 (8)	1.02 (26)	.75 (19)	.87 (22)	.33 (8.5)	-	-	-
ST07AR-BK	-	PG 7	8	.31 (8)	1.02 (26)	.75 (19)	.87 (22)	.33 (8.5)	-	-	-	-	-
ST09AA-BK	ET09AA-BK	PG 9	10	.31 (8)	1.02 (26)	.75 (19)	.87 (22)	.43 (11)	.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)	.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)	.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)	.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)	.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)	-	-	-	-	-
ST48AA-BK	-	PG 48	50	.59 (15)	1.97 (50)	2.55 (65)	2.91 (74)	2.01 (51)	-	-	-	-	-
ST11NA-BK	ET11NA-BK	3/8" NPT	12	.55 (14)	1.02 (26)	.87 (22)	.94 (24)	.47 (12)	.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)	.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)	.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)	.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)	2.17 (55)	2.40 (61)	1.38 (35)	-	-	-	-	-

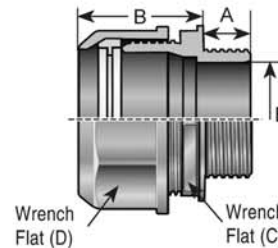
Straight 2" NPT Also Available

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

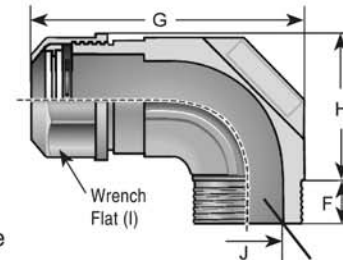


Optional Locking Nuts, O-Rings & Other Accessories starting on page 28 & 29.



#### 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 interior surface is smooth to prevent the cable from catching while feeding through.



#### Advantages:

- Protection rating of IP 65 (NEMA 4)
- One-part fitting
- Rapid assembly
- High pull-out resistance
- Inner contours of 90° fittings are rounded

Nylon Strain Relief  
Nickel Plated Brass  
PVDF / Steel  
Accessories  
Adapter, Reducer, Enlarger  
Conduit System  
Technical Information  
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