

Liquidtight STNM™ Type A Flexible Nonmetallic Conduit Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:
 Class I, Division 2 per NEC 501.10(B)(4)
 Class I, Zone 2 per NEC 505.15(C)(2)
 Class II, Division 1 per NEC 502.10(A)(2)(2)
 Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
 Class III, Division 1 per NEC 503.10(A)(3)(2)
 Class III, Division 2 per NEC 503.10(B)
 Intrinsically Safe per NEC 504.20

Applications

- STNM™ connectors with exclusive "floating sleeve" reduces installation time when connecting to Type A nonmetallic flexible conduit.

Features

- Eliminates common connection problems and assures a liquidtight, concretetight seal against oil, water, dirt and chemicals.
- The positive, pull out proof seal formed by a STNM™ connector begins with its deep-threaded ferrule that bites into the inner wall of the conduit.
- The sleeve separates the STNM™ series apart from ordinary connectors. The sleeve is held captive within a compression nut that allows it to move freely and self-align with the conduit having a slightly irregular surface or varying wall thickness.
- The nut rides only on the sleeve and not on the conduit. It cannot bend or twist the conduit, and thereby protects wiring. When fully tightened, the flared sleeve extends beyond the nut, providing additional protection from flexing.

- Ease of assembly and disassembly of STNM™ connectors permits make-up of harnesses in advance for fast, simple connections during production line assemblies.
- Available in straight and 90° styles from 3/8" thru 2". Insulated throats are standard on all connectors. Connectors are furnished with locknut and neoprene "O" ring for a liquidtight seal to JIC boxes.

Standard Material/Finish

- Body: zinc plated steel (1-1/4" - 2" malleable iron triple coat: zinc, chromate, epoxy powder coat)
- Compression nut: zinc plated steel (1-1/4" - 2" malleable iron triple coat: zinc, chromate, epoxy powder coat)
- Sleeve: zinc plated steel (all trade sizes)
- Ferrule: nylon
- Wire mesh: stainless steel
- "O" ring: neoprene

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 065178

	Trade Size (Inches)	Dimensions in Millimeters (Inches)					Weight per 100 kg (lb)	Catalog Number
		A	B	C	D	E		
Straight								
	3/8	54.9 (2.16)	15.0 (0.59)	29.5 (1.16)	—	—	10.21 (22.50)	STNM-38
	1/2	65.8 (2.59)	15.0 (0.59)	33.3 (1.31)	—	—	14.65 (32.30)	STNM-50
	3/4	65.8 (2.59)	15.0 (0.59)	41.4 (1.63)	—	—	20.09 (44.30)	STNM-75
	1	73.2 (2.88)	18.3 (0.72)	49.3 (1.94)	—	—	29.03 (64.00)	STNM-100
	1-1/4	86.6 (3.41)	19.1 (0.75)	61.2 (2.41)	—	—	53.98 (119.00)	STNM-125
	1-1/2	87.4 (3.44)	19.1 (0.75)	70.6 (2.78)	—	—	23.04 (50.80)	STNM-150
	2	100.8 (3.97)	19.1 (0.75)	85.9 (3.38)	—	—	107.50 (237.00)	STNM-200
90°								
	3/8	-	15.0 (0.59)	29.5 (1.16)	31.8 (1.25)	51.6 (2.03)	13.52 (29.80)	STNM-9038
	1/2	-	15.0 (0.59)	33.3 (1.31)	32.5 (1.28)	60.5 (2.38)	17.24 (38.00)	STNM-9050
	3/4	-	15.0 (0.59)	41.4 (1.63)	36.6 (1.44)	63.5 (2.50)	24.72 (54.50)	STNM-9075
	1	-	18.3 (0.72)	49.3 (1.94)	44.5 (1.75)	69.9 (2.75)	36.74 (81.00)	STNM-90100
	1-1/4	-	19.1 (0.75)	61.2 (2.41)	50.0 (1.97)	88.1 (3.47)	69.40 (153.00)	STNM-90125
	1-1/2	-	19.1 (0.75)	70.6 (2.78)	57.2 (2.25)	91.2 (3.59)	91.31 (201.30)	STNM-90150
	2	-	19.1 (0.75)	85.9 (3.38)	64.3 (2.53)	112.0 (4.41)	141.52 (312.00)	STNM-90200
Wire Mesh Strain Relief								
<i>The STNM-SR Series with cap can be substituted for any related trade size STNM™ Series cap to convert it to a connector with a wire mesh strain relief.</i>								
	3/8	—	—	—	—	—	2.45 (5.40)	STNM-SR38
	1/2	—	—	—	—	—	5.31 (11.70)	STNM-SR50
	3/4	—	—	—	—	—	7.30 (16.10)	STNM-SR75
	1	—	—	—	—	—	8.48 (18.70)	STNM-SR100
	1-1/4	—	—	—	—	—	9.71 (21.40)	STNM-SR125
	1-1/2	—	—	—	—	—	12.11 (26.70)	STNM-SR150
	2	—	—	—	—	—	14.56 (32.10)	STNM-SR200

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

APPLETON™