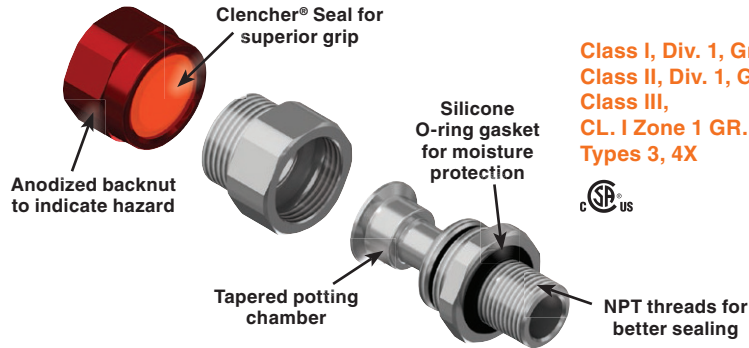
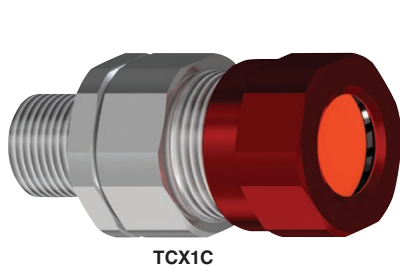




TCX SERIES

KILLARK

ALUMINUM UNARMORED CABLE CONNECTORS



Class I, Div. 1, Groups A, B, C, D
 Class II, Div. 1, Groups E, F, G
 Class III,
 CL. I Zone 1 GR. IIC. Zone 20
 Types 3, 4X



FEATURES-SPECIFICATIONS

Applications:

Designed for use with non-armored cable where it is essential to prevent explosive vapors from passing through electrical devices. It is rated for indoor and outdoor use and integrally sealed with straight, 45° and 90° cable glands for use with non-armored cable permitted by the NEC. These series glands are for use with certified cables: TC-ER-HL

Note: these glands are also for use with TC, TC-ER, PLTC-ER, ITC, ITC-ER, MV and Marine Shipboard Cable

Features:

- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable
- Assembly of the cable gland compresses and distributes the compound evenly to create a barrier seal at the point of entry into the enclosure.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath
- Copper-free aluminum construction for harsh, corrosive and hazardous duty
- Patent pending combination union elbow that allows proper 360° alignment where space is limited
- Compact sizing and 45° & 90° Bends for optimized wiring configurations
- Backnut is anodized RED to indicate HAZARDOUS area product

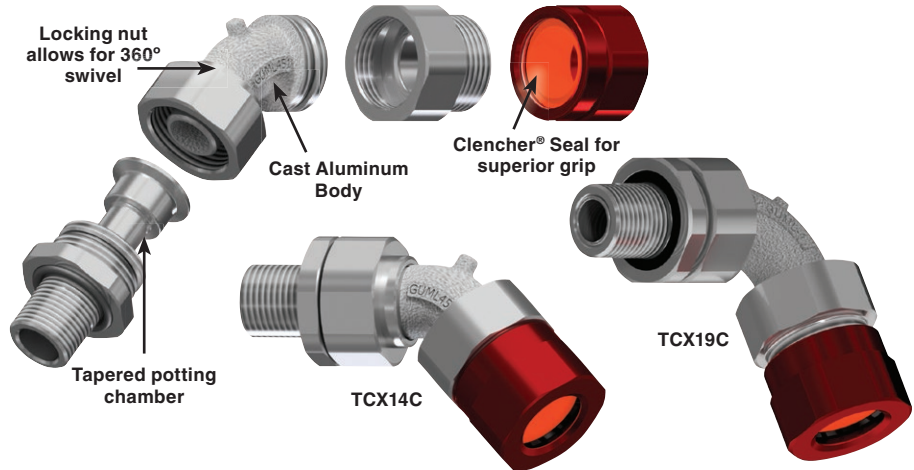
Materials:

- Body: Copper-free aluminum (less than 4/10 of 1%)
- Backnut Seal: Thermoplastic elastomer (silicone)
- Backnut Clamp: Nylon
- Inner and Outer O-rings: Nitrile

Operating Temperature:

- -50°C to +60°C

CATALOG NUMBER	ENTRY THREAD SIZE (NPT)	CABLE ACCEPTANCE DETAILS					MAX LENGTH 'D'	MAX LENGTH 'E'
		MAX NUMBER OF CORES	INNER SHEATH/CORES		OUTER JACKET "B"			
			"A" MAX. OVER CORES	MAX. INNER SHEATH	MIN.	MAX.		
TCX1B	½"	6	.48" (12.2)	.62" (15.7)	.41" (10.4)	.62" (15.7)	2.1" (53.3)	2.9" (73.7)
TCX1C	½"	10	.48" (12.2)	.82" (20.8)	.56" (14.2)	.82" (20.8)	2.4" (61)	3.2" (81.3)
TCX2	¾"	21	.71" (18)	1.03" (26.2)	.77" (19.6)	1.03" (26.2)	2.6" (66)	3.4" (86.4)
TCX3	1"	42	.96" (24.4)	1.31" (33.3)	.81" (20.6)	1.31" (33.3)	2.7" (69.6)	3.7" (94)
TCX4	1-¼"	73	1.16" (29.5)	1.65" (41.9)	1.05" (26.7)	1.65" (41.9)	3.2" (81.3)	4.3" (109.2)



CATALOG NUMBER	ENTRY THREAD SIZE (NPT)	BEND	CABLE ACCEPTANCE DETAILS					MAX LENGTH 'D'	MAX LENGTH 'E'	MAX LENGTH 'F'
			MAX NUMBER OF CORES	INNER SHEATH/CORES		OUTER JACKET "B"				
				"A" MAX. OVER CORES	MAX. INNER SHEATH	MIN.	MAX.			
TCX14C	½"	45°	10	.48" (12.2)	.82" (20.8)	.56" (14.2)	.82" (20.8)	3.25" (82.6)	4.35" (110.49)	2.05" (52)
TCX24	¾"	45°	21	.71" (18)	1.03" (26.2)	.77" (19.6)	1.03" (26.2)	3.43" (87.1)	4.55" (115.57)	2.19" (55.6)
TCX19C	½"	90°	10	.48" (12.2)	.82" (20.8)	.56" (14.2)	.82" (20.8)	2.51" (63.8)	3.62" (91.9)	3.51" (89.2)
TCX29	¾"	90°	21	.71" (18)	1.03" (26.2)	.77" (19.6)	1.03" (26.2)	2.61" (66.3)	3.73" (94.7)	3.60" (91.4)

