



CMCXA

**CLENCHER**<sup>®</sup>

**Class I, Div. 1 & 2, Groups A, B, C, D**  
**Class I, Zone 1 AEx d IIC**  
**Class I, Zone 1 AEx e II**  
**Class II, Div. 1 & 2, Groups E, F, G**  
**Class III**  
**Suitable for wet locations**  
**Types 3, 4, 4X**  
**IP66**



**FEATURES-SPECIFICATIONS**

**Applications**

Designed for use with jacketed interlocked and continuously welded/corrugated armor cable where it is necessary to provide a complete gas block/explosion proof seal to the cable, plus a NEMA 3, 4, 4x connection. Example: TEC or MC-HL type cable. Use outdoors or indoors.

**Features**

- Provides 360° armor grounding which is fully inspectable.
- Grounding Device remains in contact with cable when disassembled for inspection.
- Provides a barrier seal between the individual insulated cores 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 cable retention and a low smoke and fume, zero halogen seal onto the cables outer sheath.
- Provides an outer deluge seal to prevent moisture ingress to the

cable armor and enclosure. Deluge seal is colored red to indicate Hazardous Area product.

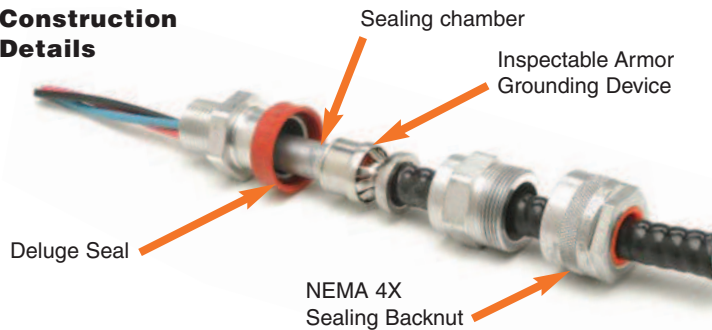
**Materials**

- Copper free aluminum (less than 4/10 of 1%)

**Operating Temperature Range**

- -50°C to +60°C

**Construction Details**



CATALOG NUMBER	SIZE REF.	ENTRY THREAD SIZE		CABLE ACCEPTANCE DETAILS						MAX. LENGTH	HEXAGON DIMENSIONS	
				INNER SHEATH/ CORES			OUTER JACKET 'B'				ACROSS FLATS	ACROSS CORNERS
		NPT SIZE	METRIC	'D' MAX. OVER CORES	ARMOR SHEATH 'E'		MAX. NO. OF CORES	MIN.	MAX.			
CMCXA050	A	1/2"	M20	0.43"	0.41"	0.64"				10	0.49"	0.80"
CMCXAB075	B	3/4"	M25	0.64"	0.49"	0.93"	21	0.66"	1.02"	3.20"	1.42"	1.64"
CMCXAC100	C	1"	M32	0.86"	0.85"	1.23"	42	0.87"	1.29"	3.54"	1.81"	2.09"
CMCXAC2125	C2	1 1/4"	M40	1.04"	1.17"	1.59"	60	1.10"	1.61"	3.73"	2.17"	2.50"
CMCXAD150	D	1 1/2"	M50	1.46"	1.37"	1.96"	80	1.42"	2.07"	5.08"	2.56"	2.96"
CMCXAD200	D	2"	M50	1.46"	1.37"	1.96"	80	1.42"	2.07"	5.08"	2.56"	2.96"
CMCXAE250	E	2 1/2"	M63	1.88"	1.76"	2.55"	100	1.81"	2.57"	5.11"	3.15"	3.64"
CMCXAF300	F	3"	M75	2.32"	2.29"	2.98"	120	2.24"	3.07"	4.88"	3.74"	4.31"
CMCXAH350	H	3 1/2"	M90	2.79"	2.92"	3.47"	120	3.18"	3.52"	5.02"	4.18"	4.84"

