A2EX

494NE Series

The A2EX is a cable gland that provides high performance in high temperatures in deluge and IP68 conditions.

Key Features

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular unarmored cables with extruded oversheath
- Fitted with silicone rubber low smoke, zero halogen seal
- Achieves IP66, IP68 (1 bar) and deluge proof (DTS01:1991) seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Suitable for most climatic conditions – weatherproof, waterproof and deluge proof
- Nickel plated and standard versions available
- Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC
- Certificate number Sira99ATEX1086X. IECEx 10.0069X
- Service temperature range –50°C to +200°C
- UL Classified in accordance with IEC 60079-0, 60079-1 and 60079-7 for use in hazardous locations
- UL Listed for use in Class I, Zone 0, 1 and 2 hazardous locations for Canada
- Full installation instructions supplied

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BICON

May be used in

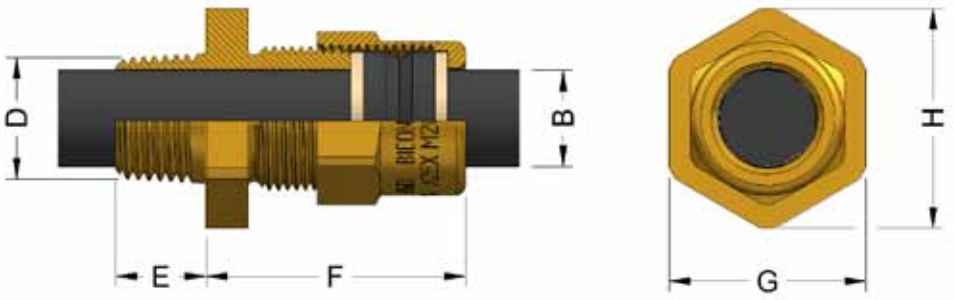
- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 1 & 2 with Ex p II equipment
- Zone 2 with Ex nA II equipment
- Zones 21 & 22 with Ex tD II equipment

Where the cable is effectively filled, may also be used in

- Zones 1 & 2 with Ex d IIC equipment not containing a source of ignition & with a volume less than 2000 cm^3
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000 cm^3
- Zone 2 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with any volume
- Zone 2 with Ex nR II equipment

Specifications

Gland Reference			Cable Dimensions Accommodated Outer Seal Overall Ø (B)			Gland Dimensions				Weight
Design Reference		Hub Size NPT (D)	Basic Metric	Min	Max	Hub Length (E)	Protrusion Length (F)	Hexagon		lbs
Fully Plated	Un Plated							A/F (G)	A/C (H)	
494NE-03V	494NE-03	½"	16	0.138''	0.335''	0.60''	1.42''	0.85''	0.97''	0.209
494NE-04V	494NE-04	½"	20s	0.315''	0.453''	0.60''	1.34''	0.85''	0.97''	0.176
494NE-05V	494NE-05	½"	20	0.315''	0.630''	0.64''	1.73''	1.00''	1.13''	0.198
494NE-08V	494NE-08	¾"	20	0.315''	0.630''	0.64''	1.73''	1.00''	1.13''	0.198
494NE-10V	494NE-10	¾"	25	0.453''	0.827''	0.76''	1.81''	1.29''	1.45''	0.320
494NE-14V	494NE-14	1"	25	0.453''	0.827''	0.76''	1.81''	1.29''	1.45''	0.320
494NE-15V	494NE-15	1"	32	0.728''	1.083''	0.80''	1.50''	1.47''	1.65''	0.310
494NE-20V	494NE-20	1 ¼"	32	0.728''	1.083''	0.80''	1.50''	1.47''	1.65''	0.309
494NE-21V	494NE-21	1 ¼"	40	0.945''	1.339''	0.82''	1.81''	1.85''	2.11''	0.595
494NE-27V	494NE-27	1 ½"	40	0.945''	1.339''	0.82''	1.81''	2.21''	2.47''	0.595
494NE-31V	494NE-31	1 ½"	50	1.220''	1.614''	0.86''	1.73''	2.21''	2.40''	0.849
494NE-32V	494NE-32	2"	50	1.220''	1.614''	0.86''	1.73''	2.21''	2.40''	0.849
494NE-38V	494NE-38	2 ½"	63	1.575''	2.067''	1.27''	2.40''	2.75''	3.02''	1.62
494NE-44V	494NE-44	3"	75S	2.067''	2.283''	1.31''	1.81''	3.13''	3.42''	1.962
494NE-45V	494NE-45	3"	75	2.146''	2.579''	1.31''	2.60''	3.13''	3.42''	1.709



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