UNIT 14 PARK COURT | SULLIVANS WAY | ST.HELENS | WA9 5GZ | UK
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Excel Plus

493NE series

The Excel plus in a universal hazardous area cable gland achieves IP67 and deluge protection with additional features for soft - bedding materials subject to cold flow.

Key Features

- Excel Plus Ex d IIC & Ex e II deluge proof gland
- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular cables with braid, tape or wire armor and extruded polymeric bedding and oversheath
- Achieves IP67 and deluge proof (DTS01:1991) seal onto cable and to enclosure with sealing washer supplied or thread sealant
- Three part armor lock provides mechanical cable retention and electrical continuity
- Diaphragm inner seal compatible with soft bedding materials that may be subject to 'cold-flow'
- Suitable for most climatic conditions – weatherproof, waterproof and deluge proof
- Nickel plated versions also available
- Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC
- Certificate number Sira01ATEX1032X
- Service temperature range –20°C to +90°C
- CSA [C/US] certified Ex d IIC & Ex e II, CSA Enclosure Type 4X, AEx d IIC & AEx e II, NEMA 4X
- Full installation instructions supplied

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May be used in

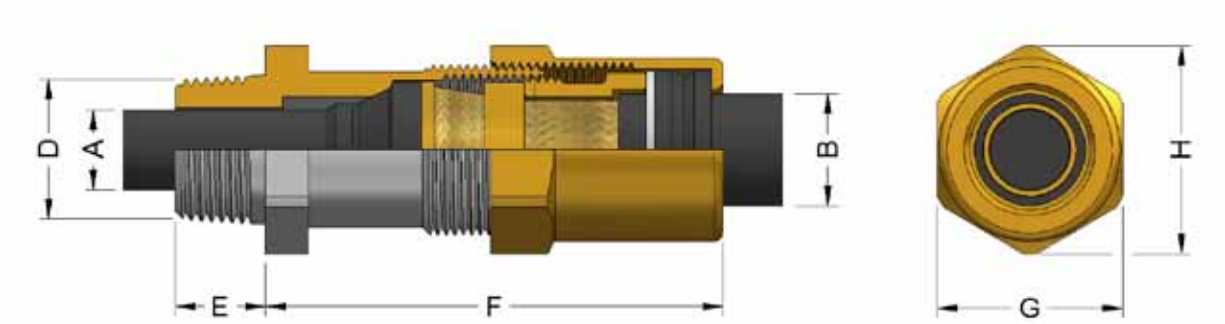
- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 1 & 2 with Ex p II equipment
- Zone 2 with Ex nA II equipment
- Zones 21 & 22 with Ex tD II equipment

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					Gland Dimensions				Weight
Design Reference		Hub Size NPT (D)	Basic Metric	Under Armor Ø (A)		Overall Ø (B)		Max. Armor wire (C)	Hub Length (E)	Protrusion Length (F)	Hexagon		lbs
Un Plated	Fully Plated			Min	Max	Min	Max				A/F (G)	A/C (H)	
493NE-03	493NE-03V	½″	16	0.157″	0.354″	0.315″	0.630″	0.049″	0.54″	2.87″	1.01″	1.13″	0.40
493NE-04	493NE-04V	½″	20S	0.276″	0.472″	0.354″	0.630″	0.049″	0.54″	2.68″	1.10″	1.25″	0.42
493NE-08	493NE-08V	¾″	20	0.315″	0.567″	0.453″	0.827″	0.049″	0.55″	2.99″	1.30″	1.45″	0.55
493NE-14	493NE-14V	1″	25	0.413″	0.795″	0.728″	1.083″	0.063″	0.69″	2.99″	1.48″	1.66″	0.69
493NE-20	493NE-20V	1 ¼″	32	0.610″	1.043″	0.827″	1.339″	0.079″	0.71″	2.39″	1.86″	2.08″	1.17
493NE-27	493NE-27V	1 ½″	40	0.906″	1.280″	1.220″	1.634″	0.079″	0.73″	3.54″	2.22″	2.49″	1.76
493NE-32	493NE-32V	2″	50	1.122″	1.752″	1.417″	2.067″	0.098″	0.77″	4.37″	2.76″	3.04″	2.67
493NE-38	493NE-38V	2 ½″	63	1.732″	2.224″	1.969″	2.579″	0.098″	1.14″	4.41″	3.15″	3.44″	3.35
493NE-45	493NE-45V	3″	75	2.087″	2.697″	2.323″	3.071″	0.098″	1.20″	5.12″	3.89″	4.30″	5.25



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