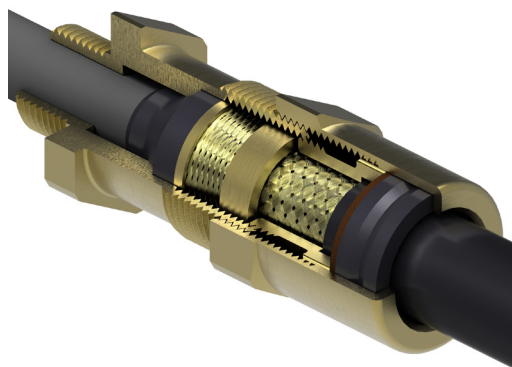


Excel Plus (NPT) Ex d IIC / Ex e II

493NE Series



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

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular cables with braid, tape or wire armour and extruded polymeric bedding & oversheath
- Achieves IP67 and deluge proof (DTS01:1991) seal onto cable and to enclosure with sealing washer supplied or thread sealant
- Three part armour 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

Technical Information:

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC

Atex Compliance Standards: EN 60079-0, EN 60079-1,

EN 60079-7, EN 61241-0, EN 61241-1

Certificate number Sira01ATEX1032X

Service temperature range -20°C to +90°C

CSA certified Ex d IIC & Ex e II, CSA Enclosure Type 4X,

AEx d IIC & AEx e II, NEMA 4X

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 cm³
- 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 cm³
- 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 Kit Reference		Cable Dimensions mm						Gland Dimensions mm				
Design Reference		Size	Under Armour		Overall Ø (B)		Max Armour Entry Thread Thickness	Thread (D)	Thread Length (E)	Protrusion Length (F)	Hexagon	
Standard	Nickel Plated		Min	Max	Min	Max					A/F (G)	A/C (H)
493NE-03	493NE-03V	½" - 16	4	9	8	16	1.25	½"NPT	15.5	73	25.7	28.7
493NE-06	493NE-06V	¾" - 20SS	4	9	8	16	1.25	¾" NPT	16.4	73	27.9	32.1
493NE-04	493NE-04V	½" - 20S	7	12	9	16	1.25	½"NPT	15.5	68	27.8	31.8
493NE-07	493NE-07V	¾" - 20S	7	12	9	16	1.25	¾" NPT	16.4	68	27.8	31.8
493NE-08	493NE-08V	¾" - 20	8	14.4	11.5	21	1.25	¾" NPT	16.4	76	33	36.9
493NE-14	493NE-14V	1" - 25	10.5	20.2	18.5	27.5	1.6	1" NPT	19.5	76	37.6	42.2
493NE-20	493NE-20V	1¼" - 32	15.5	26.5	21	34	2	1¼" NPT	20.5	86	47.2	53.6
493NE-27	493NE-27V	½" - 40	23	32.5	31	41.5	2	1½"NPT	21	90	56.4	63.1
493NE-32	493NE-32V	2" - 50	28.5	44.5	36	52.5	2.5	2" NPT	22	111	70	77.2
493NE-38	493NE-38V	2½" - 63	44	56.5	50	65.5	2.5	2½" NPT	32.5	112	80	87.4
493NE-45	493NE-45V	3" - 75	53	68.5	59	78	2.5	3" NPT	33.5	130	98.8	109.2

