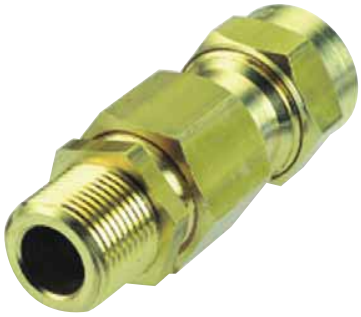
BICON Hazardous Area Cable Glands

Make the right connection...

Flameproof Glands



E1XF EEx d IIC & EEx e II Brass Gland 473AA Series

Application

> For wire braid cable

Features & Benefits

> Brass indoor and outdoor cable gland for use in hazardous areas

> Suitable for circular, wire braid armour cables with extruded polymeric bedding & oversheath

> Achieves IP66 seal onto cable and to enclosure with suitable sealing washer or thread sealant

> Three part armour lock provides mechanical cable retention and electrical continuity

> Inner seal grips cable bedding and provides additional ingress protection

> Suitable for most climatic conditions – weatherproof and waterproof

> Nickel plated versions also available

> Matching accessory kits available

Technical Data

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

> Certificate number Sira02ATEX3092X

> Service temperature range –60°C to +90°C

> May be used in:

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

> Where the cable is effectively fi lled, may also be used in:

- Zones 1 & 2 with EEx d II C equipment not containing a source of ignition & with a volume less than 2000 cm^3
- Zones 1 & 2 with EEx d II A & EEx d II B equipment notcontaining a source of ignition & with any volume
- Zone 1 with EEx d II A & EEx d IIB equipment containing a source of ignition & with a volume less than 2000 cm^3
- Zone 2 with EEx d II A & EEx d II B equipment containing a source of ignition & with any volume
- Zone 2 with EEx nR II equipment

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Gland Details

Basic Size	Gland References & Thread Sizes: Metric Design No.	Metric Thread Size *	NPT Design No.	NPT Thread Size	Cable Dimensions mm: Inner Sheath Dia. 'A' Min	Inner Sheath Dia. 'A' Max	Overall Dia. 'B' Min	Overall Dia. 'B' Max	Braid Wire Dia. 'C'	Gland Dimensions mm: Approx. Length 'D'	Hexagon Size A/C 'E'	Hexagon Size A/F 'F'
16	473AA51	M16 × 1.5	473NP03	½" - 14 NPT	3.81	8.74	8.0	13.2	0.2 / 0.3	41	26.7	23.4
20SS	473AA71	M20 × 1.5			3.81	8.74	8.0	13.2	0.2 / 0.3	41	26.7	23.4
20S	473AA52	M20 × 1.5	473NP04	½" - 14 NPT	8.00	11.79	8.0	15.8	0.2 / 0.3	43	29.2	25.7
20S			473NP07	¾" - 14 NPT	8.00	11.79	8.0	15.8	0.2 / 0.3	43	31.8	27.9
20	473AA53	M20 × 1.5	473NP05	½" - 14 NPT	11.79	14.15	11.7	20.8	0.2 / 0.3	43	34.0	30.5
20			473NP08	¾" - 14 NPT	11.79	14.15	11.7	20.8	0.2 / 0.3	43	34.0	30.5
25	473AA55	M25 × 1.5	473NP10	¾" - 14 NPT	14.00	20.12	17.0	27.2	0.2 / 0.45	48	42.2	37.6
25			473NP14	1" - 11½ NPT	14.00	20.12	17.0	27.2	0.2 / 0.45	48	42.2	37.6
32	473AA56	M32 × 1.5	473NP15	1" - 11½ NPT	19.70	26.55	23.5	33.5	0.3 / 0.45	53	53.6	47.2
32			473NP20	1¼" - 11½ NPT	19.70	26.55	23.5	33.5	0.3 / 0.45	53	53.6	47.2
40	473AA57	M40 × 1.5	473NP21	1¼" - 11½ NPT	26.55	32.42	29.0	39.9	0.3 / 0.45	56	61.5	56.4
40			473NP27	1½" - 11½ NPT	26.55	32.42	29.0	39.9	0.3 / 0.45	56	61.5	56.4
50S	473AA58	M50 × 1.5	473NP28	1½" - 11½ NPT	32.42	38.39	38.0	46.2	0.3 / 0.45	61	66.0	60.0
50	473AA59	M50 × 1.5	473NP32	2" - 11½ NPT	38.39	44.33	39.5	52.6	0.3 / 0.45	61	77.2	70.1
63S	473AA60	M63 × 1.5	473NP33	2" - 11½ NPT	44.33	50.27	50.0	58.9	0.3 / 0.45	64	83.0	75.0
63	473AA61	M63 × 1.5	473NP38	2½" - 8 NPT	50.27	56.24	51.3	65.3	0.3 / 0.45	64	87.4	80.0
75S	473AA62	M75 × 1.5			56.24	62.18	62.0	71.6	0.3 / 0.45	73	99.1	90.2
75S			473NP44	3" - 8 NPT	56.24	62.18	62.0	71.6	0.3 / 0.45	73	109.2	98.8
75	473AA63	M75 × 1.5	473NP45	3" - 8 NPT	62.18	68.13	62.5	78.0	0.3 / 0.45	73	109.2	98.8
85	473AA64	M85 × 2			68.00	74.00	68.0	88.0	0.3 / 0.45	102	126.0	115.1

* 1.5mm Pitch threads are supplied 15mm long, 2mm pitch threads are supplied 20mm long