

CCG A2F

Ex de IIC compression gland

for FLEXIBLE CABLE



Features and Benefits

- For Indoor / Outdoor use and hazardous areas.
- Fitted with specially formulated elastomeric displacement seal, giving superior cable retention, explosive protection and IP rating.
- Precision manufactured from high quality brass (nickel plated) or stainless steel.
- Supplied with a polypropylene or neoprene sealing gasket and end cap / safety gauge for correct gland selection (see reverse).

Technical Data

Type:	A2F
Gland Material:	Brass (Nickel Plated) or Stainless Steel
Seal Material:	Thermoplastic Elastomer (Silicone on request)
Cable Type:	Unarmoured
Sealing Area:	Outer Sheath
Optional Accessories:	Locknut, Shroud, Earth Tag and Adaptor/Reducer

Standards and Certifications

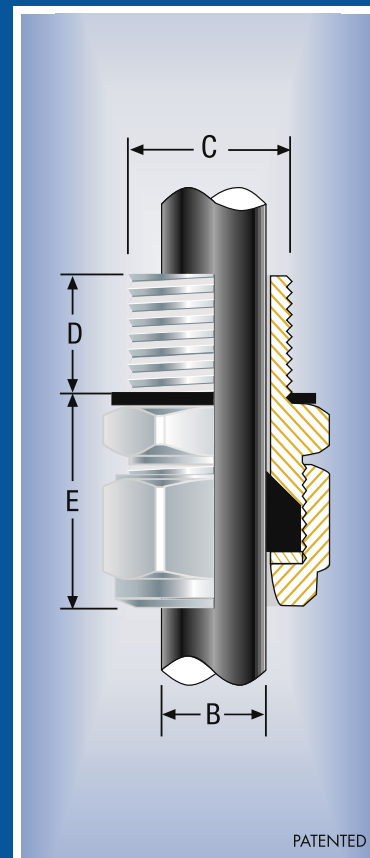
Hazardous Area Classification:	SANS IEC, AS/NZS IEC, CNEEx: Zone 1, 2, 21 and 22 Ex de IIC, Ex tD A2 ATEX: Category 2, Category 3, Ex de II 2 GD, IIC	
Certification		Standards:
Australian/New Zealand/IEC	ANZEx 09.4079X	AS/NZS 60079-0, AS/NZS 60079-1, AS/NZS 60079-7, AS/NZS 61241.1, AS/NZS 60529
ATEX	ECS 06 ATEX 2066X	EN60079-0, EN60079-1, EN60079-7, EN 50281-1-1
Chinese	CNEEx 09.0717U	GB3836.1, GB3836.2, GB3836.3, GB12476.1
Marine	09-SG435709-PDA	
SANS/SABS/IEC	SAEx S08.517	SANS 60079-0, SANS 60079-1, SANS 60079-7, SANS 60529, SANS 61241.1
Operating Temperature:	-20°C to +80°C	
Ingress Protection:	IP 66/68	



Conditions and limitations for Safe Use - X

This gland must be used as part of a certified assembly in surface Group II installations only.

- According to IEC 60079-14 10.4.2 the following must be adhered to:
 - This gland will only maintain Ex d integrity when used with substantially round, compact and filled cable.
 - Not for use on Ex d equipment which has an internal ignition source in IIC gas areas. (CCG BarrierTex™ Cable Gland should be used).
 - Not for use on Ex d (category 2) equipment with an ignition source having a volume larger than 2000cm³ in Zone 1 areas. (CCG BarrierTex™ Cable Gland should be used).

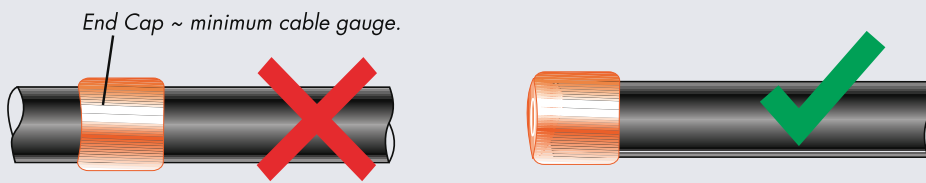


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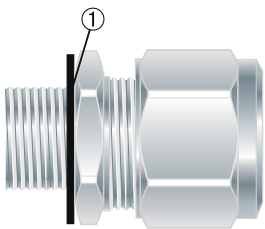
Product Code	Gland Size Reference	Entry Thread			Cable Details (Dia)		Max Length 'E'	Hexagonal Details (Max)	
		Metric 'C'	Min 'D'	NPT 'C'	Min 'B'	Max 'B'		'Flats'	'Crns'
054100-16	00-16ss	M16 x 1.5	15	1/2 / 3/4	3.0	8.0	25	24	27
054100	00-20ss	M20 x 1.5	15	1/2 / 3/4	3.0	8.0	25	24	27
0541-0	0-20s	M20 x 1.5	15	1/2 / 3/4	7.0	11.0	25	24	27
054101	1-20	M20 x 1.5	15	1/2 / 3/4	11.0	15.5	30	27	31
054102	2-25	M25 x 1.5	15	3/4 / 1	15.0	20.5	25	35	40
054103	3-32	M32 x 1.5	15	1 / 1 1/4	20.0	26.5	30	42	48
054104	4-40	M40 x 1.5	20	1 1/4 / 1 1/2	26.0	34.5	38	52	60
054105	5-50	M50 x 1.5	20	1 1/2 / 2	34.0	44.5	43	65	75
054106	6-63	M63 x 1.5	20	2 / 2 1/2	44.0	57.0	50	82	94
054107	7-75	M75 x 1.5	20	2 1/2 / 3	56.0	68.0	54	96	110
054108	8-80	M80 x 2.0	20	3	65.0	74.0	68	96	110
054109	9-90	M90 x 2.0	20	3 / 3 1/2	73.0	82.0	70	110	125
054110	10-100	M100 x 2.0	20	3 1/2 / 4	81.0	92.0	70	125	142
054111	11-110	M110 x 2.0	20	4	91.0	102.0	70	135	153

All dimensions except NPT are in mm.

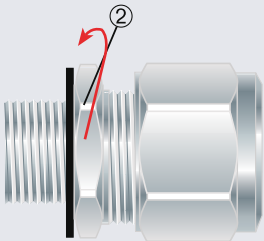
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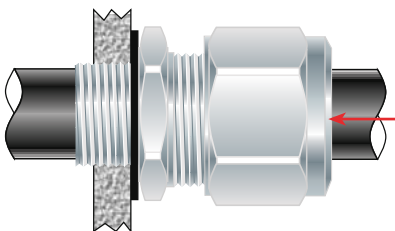
1. Check correct gland size. Use end cap (patented). If cable **inner sheath** passes through the hole in the end cap, use a gland one size smaller.



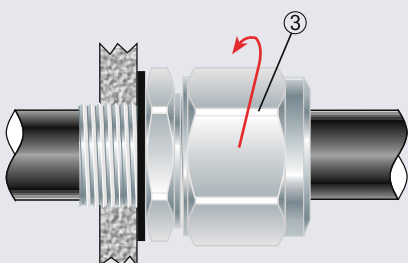
2. Ensure gasket ① is in place.



3. Insert gland unit into apparatus and tighten gland inner ② .



4. Pass cable end through gland assembly.



5. Tighten outer nut ③ to produce a seal and grip on the cable.