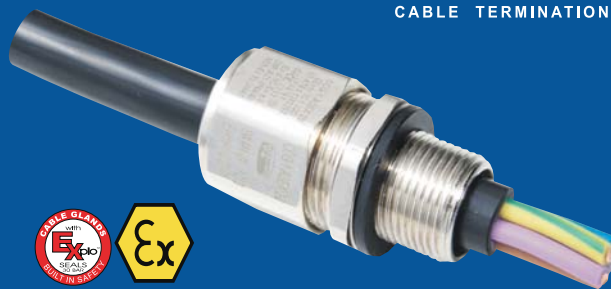


CCG A2EX

Ex de IIC Compression Gland

for FLEXIBLE CABLE



Features and Benefits

- For indoor, outdoor and hazardous areas.
- Inner seal seals on the cable sheath. Outer seal grips the cable, giving superior cable retention and IP rating.
- Precision manufactured from high quality brass (nickel plated), stainless steel. (Aluminium Ex e only)
- Complete with a polypropylene sealing gasket and an end cap / safety gauge for correct gland selection (see fitting instruction).

Technical Data

Type	A2EX
Gland Material	Brass (Nickel Plated), stainless steel (Aluminium Ex e only)
Seal Material	Thermoplastic Elastomer (Silicon on request)
Cable Type	Unarmoured
Sealing Area	Outer Sheath
Optional Accessories	Locknut, Shroud, Earth Tag, Adaptor/Reducer

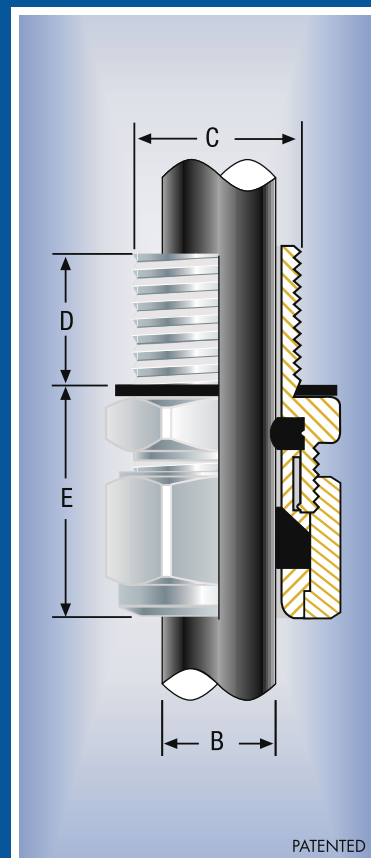
Standards and Certifications

Hazardous Area Classification:	SANS IEC, AS/NZS IEC, CNEx: Zone 1, 2, 21 and 22 Ex de IIC DIP A21 ATEX: Category 2, Category 3, Ex de II 2 GD, IIC	
Certification	Standards:	
Australian/New Zealand/IEC	ANZEx 03.4083X	AS/NZS 60079-0, AS/NZS 60079-1, AS/NZS 60079-7, AS/NZS 61241.1, AS1939
ATEX	DEMKO 01 ATEX 130325X	EN 50014, EN 50018, EN 50019
Chinese	CNEx 09.0429U	GB3836.1, GB3836.2, GB3836.3, GB12476.1
Marine	09-SG435709-PDA	
SANS/SABS/IEC	SABS S/W 444UX	SANS 60079-0, SANS 60079-1, SANS 60079-7, SANS 60529, SANS 61241.1
Operating Temperature:	-30°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:
 - a. This gland will only maintain Ex d integrity when used with substantially round, compact and filled cable.
 - b. Not for use on Ex d equipment which has an internal ignition source in IIC gas areas. (CCG BarrierTex™ Cable Gland should be used).
 - c. 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).



PATENTED

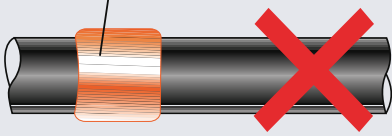
Product Code	Gland Size Reference	Entry Thread			Cable Details (Dia)		Max Length 'E'	Hexagonal Details (Max)	
		Metric 'C'	Min 'D'	NPT 'C'	Min 'B'	Max 'B'		'Flats'	'Crns'
053600-16	00-16ss	M16 x 1.5	15	1/2	3.0	8.0	35	24	27
053600	*00-20ss	M20 x 1.5	15	1/2	3.0	8.0	35	24	27
0536-0	*0-20s	M20 x 1.5	15	1/2	7.0	12.0	35	24	27
053601	*1-20	M20 x 1.5	15	1/2 / 3/4	9.0	15.5	38	27	31
053602	*2-25	M25 x 1.5	15	3/4 / 1	14.0	20.5	42	35	40
053603	*3-32	M32 x 1.5	15	1 / 1 1/4	19.0	26.5	53	42	48
053604	4-40	M40 x 1.5	20	1 1/4 / 1 1/2	26.0	34.5	63	52	60
053605	5-50	M50 x 1.5	20	1 1/2 / 2	34.0	44.5	72	65	75
053606	6-63	M63 x 1.5	20	2 / 2 1/2	44.0	57.0	96	82	94
053607	7-75	M75 x 1.5	20	2 1/2 / 3	56.0	68.0	110	96	110

All dimensions except NPT are in mm.

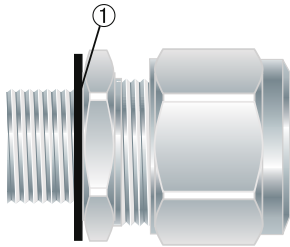
* For use with CCG Posi Fit Boxes.

CCG A2EX Ex de IIC Compression Gland

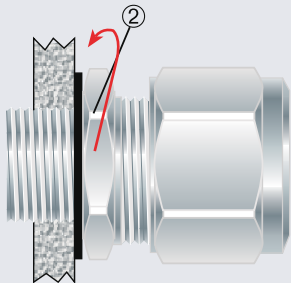
End Cap ~ minimum cable gauge.



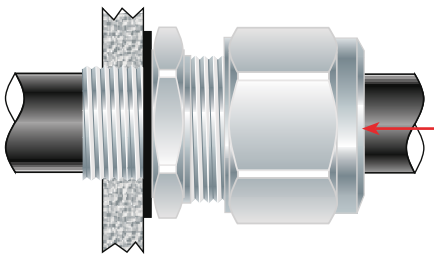
1. Check correct gland size. Use end cap (patented). If cable **inner sheath** passes through the hole in the end cap, use a gland one size smaller.



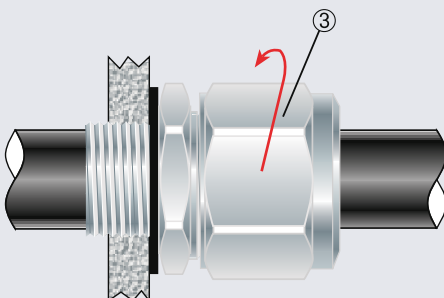
2. Ensure gasket ① is in place.



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.