MOFLASH
BIRMINGHAM, ENGLAND SIGNALLING

A2EX

Ex d IIC, Ex e IIC, Ex nR IIC, Ex tb IIIC

COMPRESSION GLAND for Unarmoured Cable

Features and Benefits

- For indoor, outdoor and hazardous areas for Group II surface installations.
- 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 (marine grade electroless nickel plated) or stainless steel.
- Complete with a sealing gasket and an end cap safety gauge for correct gland selection.

Technical Data

Type:	A2EX
Gland Material:	Brass (Marine Grade Electroless Nickel Plated) or Stainless Steel (Aluminium Ex e)
Seal Material:	Thermoset Elastomer (Standard) or Extreme Temperature Seals
Cable Type:	Unarmoured
Sealing Area:	Outer Sheath
Optional Accessories:	Adaptor, Earth Tag, Locknut, Reducer, Serrated Washer and Shroud

Standards and Certifications

Equipment Protection Levels:	Ex d II Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex tb IIIC Db II 2G, II 2D, II 3G	
Operating Temperature:	-20°C to +95°C Standard Seals or -60°C to +160°C Extreme Temp. Seals	
Ingress Protection:	IP66/68 (2m)	IEC 60529
Certification:		Standards:
IEC Ex	IECEx ITA 12.0014X	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-15, IEC 60079-31
ATEX	TÜV 13 ATEX 7397X	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31
	TÜV 13 ATEX 7422X	EN 60079-0, EN 60079-15
INMETRO	TÜV 15.0483X	ABNT NBR IEC 60079 Parts 0,1, 7, 15 and 31
SANS/IEC	MASC MS/13-028X	SANS/IEC 60079-0, SANS/IEC 60079-1, SANS/IEC 60079-7, SANS/IEC 60079-15, SANS/IEC 60079-31
Marine	14-SG1216922-PDA	
Deluge Protection DTS-01	CML 14CA370-2	

Manufactured by CCG Cable Terminations (Pty) Ltd

PATENTED

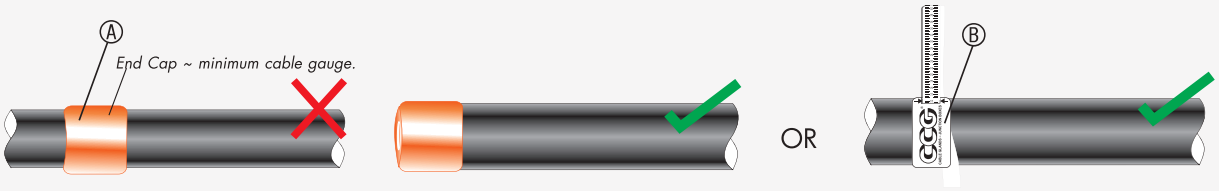
Conditions for Safe Use - X

- The cable glands shall only be used where the temperature, at the point of entry, is between -20°C and +95°C (standard seal) or -60°C to 160°C (extreme temp. seal) depending on non-metallic materials used.
- The cable glands may only be used on fixed installations where the cable is clamped or stress applied to the cable in the gland is prevented.
- According to IEC 60079-14, 10.6.2 the following must be adhered to: This gland will only maintain Ex d integrity when used with substantially round, compact and filled cable. If not a A2EX QuickStop-Ex™ Barrier Gland should be used.

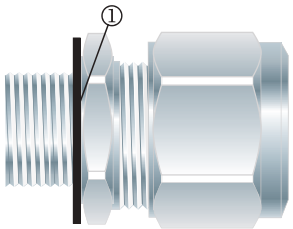
A2EX Compression Gland

MOFLASH	MOFLASH Product Code	Gland Size Reference	Metric Entry Thread		Cable Detail		Max Length 'E'	Hexagonal Detail		Install. Torque Value Nm
			'C'	'D'	Min 'B'	Max 'B'		Max 'Flats'	Max 'Crns'	
Brass	50201	1-20	M20x1.5	25	11	15	30	27	30	32.5
Stainless Steel	50211	1-20	M20x1.5	15	11	15	30	27	30	32.5

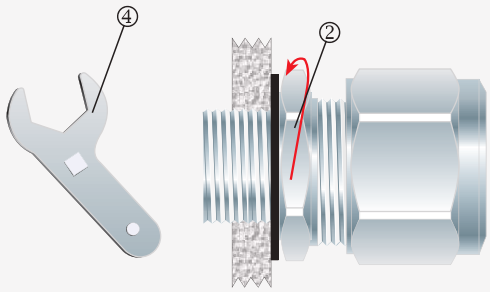
A2EX Gland Ex d IIC, Ex e IIC, Ex nR IIC, Ex tb IIIC



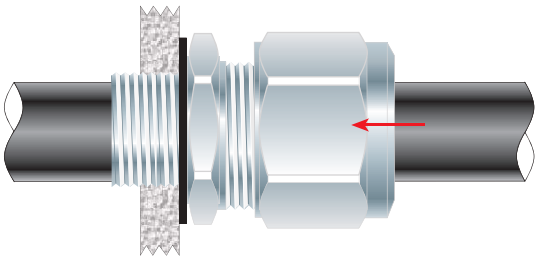
1. Check the correct gland size using an end cap (patented) Ⓐ. If the cable sheath passes through the hole in the end cap Ⓐ, use a gland one size smaller. For accurate sizing, use a CCG Dimension Tape Ⓑ on the cable sheath.



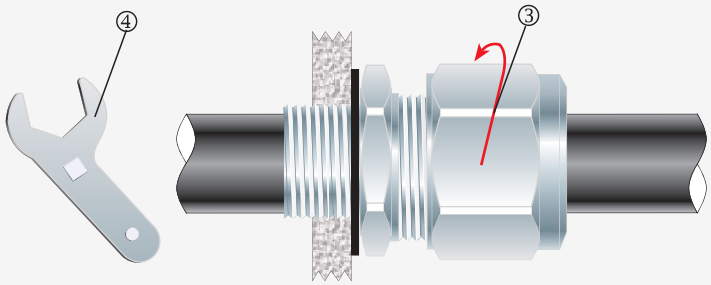
2. To maintain IP66/68 ensure the gasket ① is in place.



3. Screw the gland unit into the apparatus. Tighten the inner ② to the installation torque using a CCG Spanner ④.



4. Pass the cable end through the gland assembly.



5. Tighten the outer nut ③ to the intallation torque using a CCG Spanner ④ to produce a seal and grip on the cable.