
 TECHNICAL DATA SHEET

ABB cable glands – FSCG series

NSF approved food and beverage cable glands



Features & Benefits:

- Smooth hygienic external casing
- One piece, fully enclosed
- Suitable for splash zones
- Corrosion resistant

Applications:

- Food and beverage applications, including;
 - Splash zone and wash down areas
 - Packaging and transfer areas
- Other hygienic applications, including;
 - Medical equipment - non contact
 - Pharmaceutical, packaging and processing
- Suitable for cable types:
 - Non-armoured
 - Portable
 - Tray

Material:

- Stainless Steel construction
- FDA Compliant EPDM Seals

FSCG cable glands are for use in food and beverage applications to allow the safe termination of cables into equipment.

Certifications / Standards:


Environmental ratings:
Working Temperature:

- Normal use: -20°C to +100°C (-4°F to 212°F)
- Short term: -40°C to +150°C (-40°F to 302°F)

Ingress protection:

To ensure ingress protection, use suitable gasket and lock nut when required.

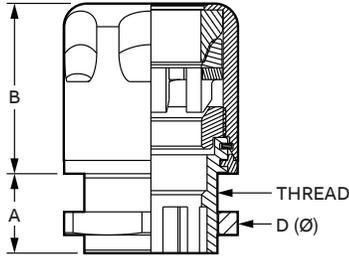
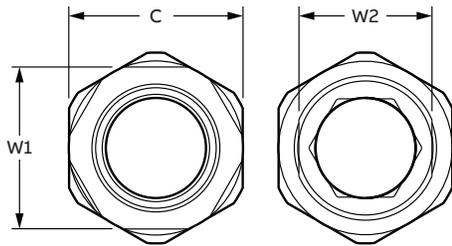
- IP66
- IP68 (5 bar 30 mins)
- IP69 (Steam Cleaning)

Chemical resistance guide:

- See publication TDS000081

Conforms to:

- NSF - 169-2012
- UL514B / CSA C22.2 No 18.3 (see table for details)
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II
- WEEE (Waste Electrical & Electronic Equipment Directive) 2002/96/EC
- LVD (Low Voltage Directive) 2014/35/EU



Product selection

Part no:	Thread (metric)	Cable range		Nominal dimensions					
		Min	Max	A	B	C	D	W1	W2
FSCG-M121	M12x1.5	3.0	6.5	6.0	21.3	15.6	16.5	14.0	10.0
		(0.118)	(0.256)	(0.236)	(0.839)	(0.614)	(0.650)	(0.551)	(0.394)
FSCG-M161	M16x1.5	5.0	10.0	7.0	23.1	20.2	21.0	18.0	14.0
		(0.197)	(0.394)	(0.276)	(0.909)	(0.795)	(0.827)	(0.709)	(0.551)
FSCG-M201	M20x1.5	6.0	12.0	10.0	26.7	24.1	26.4	22.0	18.0
		(0.236)	(0.472)	(0.394)	(1.051)	(0.949)	(1.039)	(0.866)	(0.709)
FSCG-M251	M25x1.5	12.0	17.0	14.0	29.1	30.1	33.0	28.0	23.0
		(0.472)	(0.669)	(0.551)	(1.146)	(1.185)	(1.299)	(1.102)	(0.906)

Product selection

Part no:	Thread (NPT)	Cable range		Nominal dimensions					
		Min	Max	A	B	C	D	W1	W2
FSCG-0381	3/8"	3.0	6.5	15.26	21.2	20.2	26.5	18.0	14.0
		(0.118)	(0.256)	(0.601)	(0.835)	(0.795)	(1.043)	(0.709)	(0.551)
FSCG-0382	3/8"	5.0	10.0	15.26	23.7	24.1	26.5	22.0	14.0
		(0.197)	(0.394)	(0.601)	(0.933)	(0.949)	(1.043)	(0.866)	(0.551)
FSCG-0501	1/2"	6.0	12.0	19.85	28.0	30.1	26.5	28.0	18.0
		(0.236)	(0.472)	(0.781)	(1.102)	(1.185)	(1.043)	(1.102)	(0.709)
FSCG-0751	3/4"	12.0	17.0	20.15	31.6	38.0	39.0	35.0	23.0
		(0.472)	(0.669)	(0.793)	(1.244)	(1.496)	(1.535)	(1.378)	(0.906)

Bold numbers are metric, parenthesis numbers are inches.

No lock nut provided with the NPT products.

Note: Product must be installed in accordance with applicable national and local electrical codes.

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