

# A2F Series Stainless Steel Cable Glands

## For Unarmored Cables

Increased Safety, Flameproof, Restricted Breathing and Dust Environment

Zone 1 and 2, Zone 20  
Gas (G) and Dust (D)

### Applications

- Cable glands for unarmored cable certified for enclosures with the following protection modes:
  - Ex d flameproof IIB or IIC
  - Ex e increased safety
  - Ex nR restricted breathing
  - D dust environment
- Hazardous areas (gas and dust)
- Onshore and offshore

### Features

- Elastomer displacement seal for unarmored cable provides a combined flameproof and weatherproof seal on the outer sheath of the cable.

### Standard Materials

- Body: Stainless Steel.
- Seal: LSF (Low Smoke Fume) Halogen Free thermoset elastomer.

### Options

- Nickel plated brass version: replace last digit 4 with 5
- Aluminum: replace last digit 4 with 1
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages

### ATEX/IECEx Certifications and Compliances

- **Certification Type A2F**
  - Gas: Zones 1 and 2
    - Type of Protection: Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc
  - Dust: Zone 20
    - Type of Protection: Ex ta IIIC Da
  - Conforming to ATEX 94/9/CE: Ⓔ II 2G 3G 1D
  - Ambient Temperature: -60 °C to +130 °C
  - CE Declaration of Conformity: DC07001
  - ATEX Certificate: Sira 13ATEX1068X, Sira 13ATEX4074X
  - IECEx Certificate: IECEx SIR 13.0023X, IECEx SIM 14.0006
  - Other Certifications: CSA, KCC, CCOE/PESO (India)
  - Marine Approval: LLOYDS, DNV, ABS
  - Index of Protection according EN/IEC 60529: IP66, IP67, IP68
  - Deluge Protection Compliance: DTS01:91

Cable Gland Size	Catalog Numbers					
	Metric Thread C	Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT Thread ①
20S/16	M20	2016A2F4	1/2"	2016A2F0504	3/4"	2016A2F0754
20S	M20	20SA2F4	1/2"	20SA2F0504	3/4"	20SA2F0754
20	M20	20A2F4	1/2"	20A2F0504	3/4"	20A2F0754
25	M25	25A2F4	3/4"	25A2F0754	1"	25A2F1004
32	M32	32A2F4	1"	32A2F1004	1-1/4"	32A2F1254
40	M40	40A2F4	1-1/4"	40A2F1254	1-1/2"	40A2F1504
50S	M50	50SA2F4	1-1/2"	50SA2F1504	2"	50SA2F2004
50	M50	50A2F4	2"	50A2F2004	2-1/2"	50A2F2504
63S	M63	63SA2F4	2"	63SA2F2004	2-1/2"	63SA2F2504
63	M63	63A2F4	2-1/2"	63A2F2504	3"	63A2F3004
75S	M75	75SA2F4	2-1/2"	75SA2F2504	3"	75SA2F3004
75	M75	75A2F4	3"	75A2F3004	3-1/2"	75A2F3504
90	M90	90A2F4	3-1/2"	90A2F3504	4"	90A2F4004
100	M100	100A2F4	4"	100A2F4004	5"	100A2F5004
115	M115	115A2F4	4"	115A2F4004	5"	115A2F5004
130	M130	130A2F4	5"	130A2F5004	6"	130A2F6004

① Entry thread seal not supplied, see *Cable Gland Accessories and Tools*.

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### INMETRO Certification

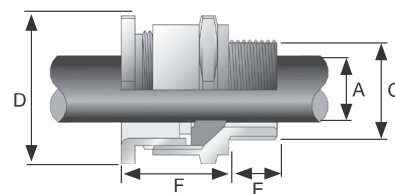
- INMETRO Certificate: TÜV 12.0619-X

### EURASEC Certification

- TC RU C-GB.гБ.05.B.00138



### Dimensions in Millimeters



Cable Gland Size	Minimum Thread Length mm E	Overall Cable Diameter mm A		Across Flats mm D	Across Corners mm D	Protrusion Length mm F	PVC Shroud Reference	Cable Gland Weight kg
		Min	Max					
20S/16	15.0	3.3	8.64	22.1	24.13	21.08	PVC04	0.07
20S	15.0	6.1	11.68	22.1	24.13	21.08	PVC04	0.06
20	15.0	6.6	13.97	26.92	29.72	23.88	PVC05	0.07
25	15.0	11.18	20.07	36.07	39.62	25.91	PVC09	0.13
32	15.0	17.02	26.42	40.89	45.21	26.92	PVC10	0.15
40	15.0	23.62	32.26	45.97	50.55	27.94	PVC13	0.20
50S	15.0	30.99	38.1	55.12	60.45	28.96	PVC15	0.26
50	15.0	35.56	44.2	59.94	66.04	29.97	PVC18	0.27
63S	15.0	41.4	50.04	65.02	71.37	29.97	PVC21	0.43
63	15.0	47.24	55.88	70.1	76.96	29.97	PVC23	0.40
75S	15.0	54.1	61.98	80.01	88.65	32.0	PVC26	0.52
75	15.0	61.21	68.07	84.07	92.46	32.0	PVC26	0.50
90	24.0	66.55	80.01	107.95	120.65	43.94	PVC31	1.60
100	24.0	75.95	90.93	114.3	128.52	48.01	LSF33	1.78
115	24.0	86.11	98.04	131.57	146.05	55.12	LSF34	2.67
130	24.0	97.03	115.06	152.4	167.64	61.98	LSF35	3.80

ZONE 1 RATED STAINLESS STEEL CABLE GLANDS

Fittings