

# A2F Series Nickel Plated Brass Cable Glands

## Increased Safety and Flameproof

With Elastomer Seal for Unarmored and Exterior Braid Armor With Protective Sheath Cables.

### CEC:

Class I, Division 2, Groups B, C and D  
Class II, Division 2, Groups E, F and G  
Class III, Division 2  
Ex d IIC, Ex e IIC, Ex nR II  
Type 4X: Oil Resistant II

### ATEX/IECEX:

Ⓢ II 2 GD  
II 1D Ex d Ⓢ IIC Gb  
Ex e IIC Gb  
Ex ta IIIC Da  
Ⓢ II 3G Ex nR IIC Gc I M2 Ex d I Mb  
Ex e I Mb

### ATEX/IECEX:

Zone 1 and 2 - 21 and 22  
Gas Groups IIA, IIB and IIC  
Ex d Ⓢ I  
Ex e I

### 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 (-76 °F to +266 °F)
- 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

### INMETRO Certification

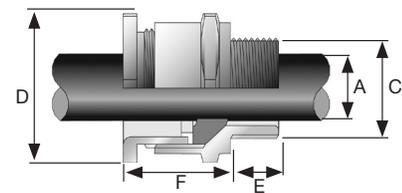
- INMETRO Certificate: TÜV 12.0619X

### EURASEC Certification

- TC RU C-GB.Г505.B.00138



Dimensions in Millimeters (Inches)



Cable Gland Size	Minimum Thread Length mm (in) E	Overall Cable Diameter mm (in) A		Across Flats mm (in) D	Across Corners mm (in) D	Nominal Protrusion Length mm (in) F	Optional PVC Shroud	Weight kg (oz)
		Min	Max					
20S/16	15.00 (0.59)	3.30 (0.13)	8.64 (0.34)	22.10 (0.87)	24.13 (0.95)	21.08 (0.83)	PVC04	0.05 (1.90)
20S	15.00 (0.59)	6.10 (0.24)	11.68 (0.46)	22.10 (0.87)	24.13 (0.95)	21.08 (0.83)	PVC04	0.06 (2.08)
20	15.00 (0.59)	6.60 (0.26)	13.97 (0.55)	26.92 (1.06)	29.72 (1.17)	23.88 (0.94)	PVC05	0.11 (3.95)
25	15.00 (0.59)	11.18 (0.44)	20.07 (0.79)	36.07 (1.42)	39.62 (1.56)	25.91 (1.02)	PVC09	0.13 (4.52)
32	15.00 (0.59)	17.02 (0.67)	26.42 (1.04)	40.89 (1.61)	45.21 (1.78)	26.92 (1.06)	PVC10	0.17 (5.93)
40	15.00 (0.59)	23.62 (0.93)	32.26 (1.27)	45.97 (1.81)	50.55 (1.99)	27.94 (1.10)	PVC13	0.22 (7.90)
50S	15.00 (0.59)	30.99 (1.22)	38.10 (1.50)	55.12 (2.17)	60.45 (2.38)	28.96 (1.14)	PVC14	0.23 (8.15)
50	15.00 (0.59)	35.56 (1.40)	44.20 (1.74)	59.94 (2.36)	66.04 (2.60)	29.97 (1.18)	PVC17	0.36 (12.7)
63S	15.00 (0.59)	41.40 (1.63)	50.04 (1.97)	65.02 (2.56)	71.37 (2.81)	29.97 (1.18)	PVC20	0.34 (12.13)
63	15.00 (0.59)	47.24 (1.86)	55.88 (2.20)	70.10 (2.76)	76.96 (3.03)	29.97 (1.18)	PVC22	0.47 (16.44)
75S	15.00 (0.59)	54.10 (2.13)	61.98 (2.44)	80.01 (3.15)	88.65 (3.49)	32.00 (1.26)	PVC24	0.40 (13.93)
75	15.00 (0.59)	61.21 (2.41)	68.07 (2.68)	84.07 (3.31)	92.46 (3.64)	32.00 (1.26)	PVC26	1.35 (47.48)
90	24.00 (0.94)	66.55 (2.62)	80.01 (3.15)	107.95 (4.25)	120.65 (4.75)	43.94 (1.73)	PVC31	1.58 (55.56)
100	24.00 (0.94)	75.95 (2.99)	90.93 (3.58)	114.30 (4.5)	128.52 (5.06)	48.01 (1.89)	LSF32	2.32 (81.91)
115	24.00 (0.94)	86.11 (3.39)	98.04 (3.86)	131.57 (5.18)	146.05 (5.75)	55.12 (2.17)	LSF34	3.40 (119.93)
130	24.00 (0.94)	97.03 (3.82)	115.06 (4.53)	152.40 (6.00)	167.64 (6.60)	61.98 (2.44)	LSF35	2.44 (86.07)

Ⓢ The A2F Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 and Zone 22 provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

Ⓢ Applies to unarmored cable only.