



E1W-XL (NPT) Ex d IIC / Ex e II Cable Glands (474NP Series)

UNIVERSAL GLAND SUITABLE FOR USE WITH STEEL WIRE ARMOUR, BRAID WIRE ARMoured AND LEAD SHEATHED CABLES

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular, galvanized steel wire armour cables with extruded polymeric bedding and oversheath
- Suitable for circular, Braid wire armour cables with extruded polymeric bedding and oversheath
- Achieves IP67 and deluge proof (DTS01:1991) seal onto cable and to enclosure with sealing washer supplied or thread sealant
- Three part armour lock provides mechanical cable retention and electrical continuity
- Continuity Connection for Lead Inner sheathed cables
- Inner PCP seal grips cable bedding and provides additional ingress protection
- Suitable for most climatic conditions - weatherproof and waterproof
- Standard and Nickel plated versions available
- Full Installation Instructions supplied

Technical Information:

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC

Atex Compliance Standards: EN 60079-0, EN 60079-1, EN 60079-7, EN 61241-0, EN 61241-1

Certificate number Sira 02ATEX3093X

IECEX Compliance Standards: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 61241-0, IEC 61241-1

Certificate number IECEX SIR 10.0070X

Service temperature range -60°C to +90°C

Specifications

| Gland Reference | | Cable Dimensions mm | | | | | | | Gland Dimensions mm | | | | | | |
|------------------|---------------|---------------------|--------------------|------|---------------|------|---------------|---------------------|---------------------|------|------------------|-------------------|-----------------------|---------|---------|
| Design Reference | | Size | Under Armour Ø (A) | | Overall Ø (B) | | Armour Wire Ø | Braid Armour Wire Ø | Lead Sheath Ø | | Entry Thread (D) | Thread Length (E) | Protrusion Length (F) | Hexagon | |
| Standard | Nickel Plated | | Min | Max | Min | Max | | | Min | Max | | | | A/F (G) | A/C (H) |
| 474NP-03 | 474NP-03V | ½" - 20SS | 3.8 | 8.7 | 8.0 | 13.2 | 0.9 | 0.2/0.3 | 3.0 | 8.0 | ½" NPT | 15.5 | 41 | 23.4 | 26.7 |
| 474NP-04 | 474NP-04V | ½" - 20S | 8.0 | 11.8 | 8.0 | 15.8 | 0.9/1.25 | 0.2/0.3 | 4.0 | 12.0 | ½" NPT | 15.5 | 43 | 25.7 | 29.2 |
| 474NP-07 | 474NP-07V | ¾" - 20S | 8.0 | 11.8 | 8.0 | 15.8 | 0.9/1.25 | 0.2/0.3 | 4.0 | 12.0 | ¾" NPT | 16.4 | 43 | 27.9 | 31.8 |
| 474NP-05 | 474NP-05V | ½" - 20 | 11.8 | 14.2 | 11.7 | 20.8 | 0.9/1.25 | 0.2/0.3 | 7.0 | 14.0 | ½" NPT | 15.5 | 43 | 30.5 | 34.0 |
| 474NP-08 | 474NP-08V | ¾" - 20 | 11.8 | 14.2 | 11.7 | 20.8 | 0.9/1.25 | 0.2/0.3 | 7.0 | 14.0 | ¾" NPT | 16.4 | 43 | 30.5 | 34.0 |
| 474NP-10 | 474NP-10V | ¾" - 25 | 14.0 | 20.1 | 17.0 | 27.2 | 1.25/1.6 | 0.2/0.45 | 10.0 | 20.0 | ¾" NPT | 16.4 | 48 | 37.6 | 42.2 |
| 474NP-14 | 474NP-14V | 1" - 25 | 14.0 | 20.1 | 17.0 | 27.2 | 1.25/1.6 | 0.2/0.45 | 10.0 | 20.0 | 1" NPT | 19.5 | 48 | 37.6 | 42.2 |
| 474NP-15 | 474NP-15V | 1" - 32 | 19.7 | 26.6 | 23.5 | 33.5 | 1.6/2.0 | 0.3/0.45 | 15.0 | 26.0 | 1" NPT | 19.5 | 53 | 47.2 | 53.6 |
| 474NP-20 | 474NP-20V | 1½" - 32 | 19.7 | 26.6 | 23.5 | 33.5 | 1.6/2.0 | 0.3/0.45 | 15.0 | 26.0 | 1½" NPT | 20.5 | 53 | 47.2 | 53.6 |
| 474NP-21 | 474NP-21V | 1½" - 40 | 26.6 | 32.4 | 29.0 | 39.9 | 1.6/2.0 | 0.3/0.45 | 20.0 | 32.0 | 1½" NPT | 20.5 | 56 | 56.4 | 61.5 |
| 474NP-27 | 474NP-27V | 1½" - 40 | 26.6 | 32.4 | 29.0 | 39.9 | 1.6/2.0 | 0.3/0.45 | 20.0 | 32.0 | 1½" NPT | 21 | 56 | 56.4 | 61.5 |
| 474NP-28 | 474NP-28V | 1½" - 50S | 32.4 | 38.4 | 38.0 | 46.2 | 2.0/2.5 | 0.3/0.45 | 24.0 | 38.0 | 1½" NPT | 21 | 61 | 60.0 | 66.0 |
| 474NP-31 | 474NP-31V | 2" - 50S | 32.4 | 38.4 | 38.0 | 46.2 | 2.0/2.5 | 0.3/0.45 | 24.0 | 38.0 | 2" NPT | 22 | 61 | 65.5 | 72.1 |
| 474NP-32 | 474NP-32V | 2" - 50 | 38.4 | 44.3 | 39.5 | 52.6 | 2.0/2.5 | 0.3/0.45 | 29.0 | 44.0 | 2" NPT | 22.0 | 61 | 70.1 | 77.2 |
| 474NP-33 | 474NP-33V | 2" - 63S | 44.3 | 50.3 | 50.0 | 58.9 | 2.5 | 0.3/0.45 | 34.0 | 50.0 | 2" NPT | 22 | 64 | 75.0 | 83.0 |
| 474NP-38 | 474NP-38V | 2½" - 63 | 50.3 | 56.2 | 51.3 | 65.3 | 2.5 | 0.3/0.45 | 42.0 | 56.0 | 2½" NPT | 32.5 | 64 | 80.0 | 87.4 |
| 474NP-39 | 474NP-39V | 2½" - 75S | 56.2 | 62.2 | 62.0 | 71.6 | 2.5 | 0.3/0.45 | 49.0 | 62.0 | 2½" NPT | 32.5 | 73 | 90.2 | 99.1 |
| 474NP-45 | 474NP-45V | 3" - 75 | 62.2 | 68.1 | 62.5 | 78.0 | 2.5 | 0.3/0.45 | 55.0 | 68.0 | 3" NPT | 33.5 | 73 | 98.8 | 109.2 |
| 474NP-47 | 474NP-47V | 3" - 85 | 68.0 | 74.0 | 68.0 | 88.0 | 3.2 | 0.3/0.45 | 63.0 | 72.0 | 3" NPT | 33.5 | 102 | 115.1 | 126.0 |

*NPT Threaded glands are supplied as glands only.

**Other NPT sizes available upon request.

