

## A2EXP 495NE Series



The A2EXP is a cable gland that provides high performance in high temperatures in deluge and IP68 conditions.

### Key Features

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular unarmored cables with extruded oversheath
- Fitted with silicone rubber low smoke, zero halogen seal
- Achieves IP66, IP68 (1 bar) and deluge proof (DTS01:1991) seal onto cable and to enclosure with suitable sealing washer or thread sealant.
- Suitable for most climatic conditions – weatherproof, waterproof and deluge proof
- Nickel plated and standard versions available
- Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC.
- Certificate number Sira99ATEX1086X, IECEx 10.0069X
- Service temperature range -50°C to +200°C
- UL Classified in accordance with IEC 60079-0, 60079-1 and 60079-7 for use in hazardous locations
- UL Listed for use in Class I, Zone 0, 1 and 2 hazardous locations for Canada
- Full installation instructions supplied



### May be used in

- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 1 & 2 with Ex p II equipment
- Zone 2 with Ex nA II equipment
- Zones 21 & 22 with Ex tD II equipment

### Where the cable is effectively filled, may also be used in

- Zones 1 & 2 with Ex d IIC equipment not containing a source of ignition & with a volume less than 2000 cm<sup>3</sup>
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000 cm<sup>3</sup>
- Zone 2 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with any volume
- Zone 2 with Ex nR II equipment

## Specifications

| Gland Reference  |                  | Cable Dimensions Accommodated<br>Outer Seal Overall Ø (B) |      |        |                | Gland Dimensions      |         |         | Weight |       |
|------------------|------------------|---|------|--------|----------------|-----------------------|---------|---------|--------|-------|
| Design Reference | Hub Size NPT (D) | Basic Metric  | Min  | Max    | Hub Length (E) | Protrusion Length (F) | Hexagon |         | lbs    |       |
| Fully Plated     | Un Plated        |   |      |        |                |                       | A/F (G) | A/C (H) |        |       |
| 495NE-03V        | 495NE-03         | ½"  | 20SS | 0.138" | 0.335"         | 0.60"                 | 2.56"   | 0.85"   | 0.97"  | 0.265 |
| 495NE-04V        | 495NE-04         | ½"  | 20S  | 0.315" | 0.453"         | 0.60"                 | 2.44"   | 0.85"   | 0.97"  | 0.265 |
| 495NE-05V        | 495NE-05         | ½"  | 20   | 0.315" | 0.630"         | 0.64"                 | 3.19"   | 1.00"   | 1.13"  | 0.320 |
| 495NE-08V        | 495NE-08         | ¾"  | 20   | 0.315" | 0.630"         | 0.64"                 | 3.19"   | 1.00"   | 1.13"  | 0.320 |
| 495NE-10V        | 495NE-10         | ¾"  | 25   | 0.453" | 0.827"         | 0.76"                 | 3.37"   | 1.29"   | 1.45"  | 0.540 |
| 495NE-14V        | 495NE-14         | 1"  | 25   | 0.453" | 0.827"         | 0.76"                 | 3.37"   | 1.29"   | 1.45"  | 0.540 |
| 495NE-15V        | 495NE-15         | 1"  | 32   | 0.728" | 1.063"         | 0.80"                 | 2.72"   | 1.47"   | 1.65"  | 0.520 |
| 495NE-20V        | 495NE-20         | 1 ¼"  | 32   | 0.728" | 1.063"         | 0.80"                 | 2.72"   | 1.47"   | 1.65"  | 0.496 |
| 495NE-21V        | 495NE-21         | 1 ¼"  | 40   | 0.945" | 1.339"         | 0.82"                 | 3.23"   | 1.85"   | 2.11"  | 0.550 |
| 495NE-27V        | 495NE-27         | 1 ½"  | 40   | 0.945" | 1.339"         | 0.82"                 | 3.23"   | 1.85"   | 2.11"  | 0.959 |
| 495NE-32V        | 495NE-32         | 2"  | 50   | 1.220" | 1.814"         | 0.86"                 | 3.11"   | 2.21"   | 2.40"  | 1.334 |
| 495NE-38V        | 495NE-38         | 2 ½"  | 63   | 1.575" | 2.067"         | 1.27"                 | 4.47"   | 2.75"   | 3.02"  | 2.657 |
| 495NE-44V        | 495NE-44         | 3"  | 75S  | 2.067" | 2.283"         | 1.31"                 | 3.09"   | 3.13"   | 3.42"  | 2.965 |
| 495NE-45V        | 495NE-45         | 3"  | 75   | 2.146" | 2.579"         | 1.31"                 | 4.72"   | 3.13"   | 3.42"  | 2.778 |

