

# PAP – PAPDL

## Cable glands for armoured cables



### Installation

hazardous areas – Zone 1/2 (Gases) – Zone 21/22 (Dusts)

### Classification

Group II – Category 2G 2D / 3G 3D

### Reference standards

Directive 2014/34/EU	
Execution	<ul style="list-style-type: none"> <li>⊕ II 2 G Ex db / Ex eb/ Ex ia/ IIC Gb</li> <li>II 2 D Ex tb IIIC Db</li> <li>⊕ II 3 G Ex nR IIC Gc / II 3 D Ex tc IIIC Dc</li> </ul>
Rules of compliance	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-7; EN/IEC 60079-11; EN/IEC 60079-31
EU type-examination certificate	INERIS 09 ATEX 0028X INERIS 23 ATEX 3004X (Ex nR only)
Protection degree	IP66 or IP66/68
Ambient temperature	-40 °C ÷ +90 °C (Rubber rings EPDM-60) -60 °C ÷ +180 °C (Rubber rings SILICON)
Other available certificates	CCOE PESO: P531870 ECASEx: 23-06-22481/Q23-06-048569/NB0002 KC: in progress BS standard: EPTI 22 IEC 0423 IECEx: IECEx INE 11.0017X INMETRO: CEPEL 12.2177X RINA: ELE411722CS Russian Marine Certificate (RMRS): 19.02521.280 CCC 2023122313116542 Deluge certification* for sizes 1÷6 with <b>silicon rubber rings only</b> : SIR20200310-001, SIR20200310-002, SIR20200310-003, SIR20200311-004, SIR20200311-005, SIR20200311-006 according to Shell DTS-01:91

\*on request only

### Applications

For steel wire armoured cables (swa) for steel tape armoured cables and for lead inner sheath cables

Double Compression Type For Indoor And Outdoor Use

Provided armour clamping using clamping arrangements suitable for all armour wire/braid types

Internal lead device for electrical bond of cable lead inner sheath

Double compression – under armour and overall of armour cable (inner and outer sealing)

### On Request Accessories

- Locknuts, Gaskets, PVC Shrouds, Earthing Tags, Sealing (See DL-NW-PTD-ET bulletin)
- Deluge option from size 1 to size 6 with silicon rubber rings only

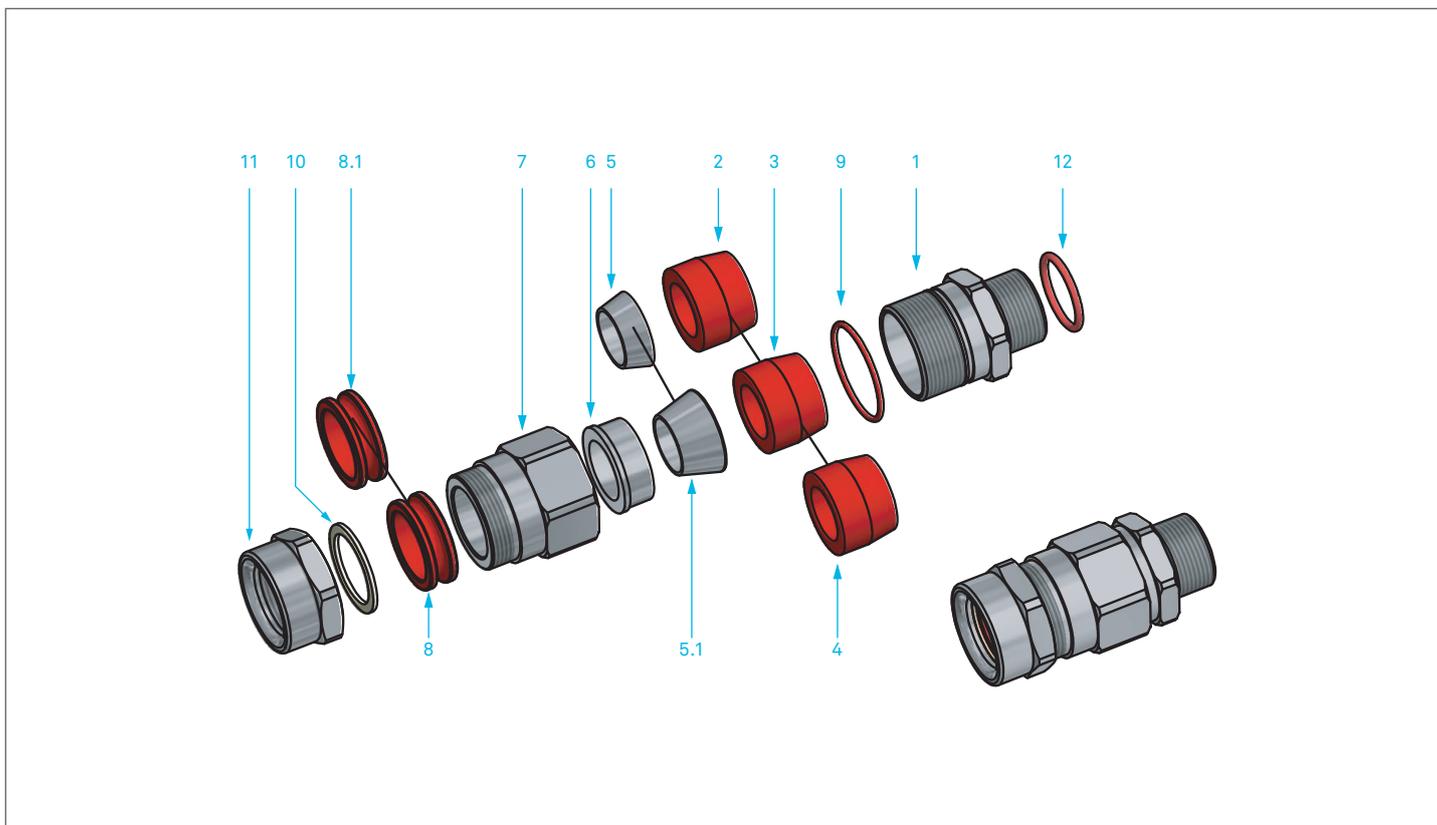
### Mechanical characteristics

Body/cab	OT-58 marine brass (ON) - AISI-316L stainless steel (XX) marine grade copper free aluminium (on project request only)
Finishes	full nickel plating treatment (brass material only)
Rubber rings	EPDM rubber 50-60 shore hardness (standard supply) Silicon rubber 60 shore hardness (on demand only)
O-ring	silicon rubber – 60 shore hardness
Skid washer	nylon 6.0





**PAP – PAPDL dimensional**



1	Body
2 - 3 - 4	Inner sealing ring for armoured cable
5 - 5.1	Armour clamping cone
6	Armour clamping ring for armoured cable
7	Gland barrel
8 - 8.1	Outer sealing silicon ring
9	Deluge* silicon rubber o-ring
10	Anti rubbing washer
11	Gland nut
12	Silicon o. ring (only for isometric body)

\*on request, from size 1 to 6 only

REMARK:  
 Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.