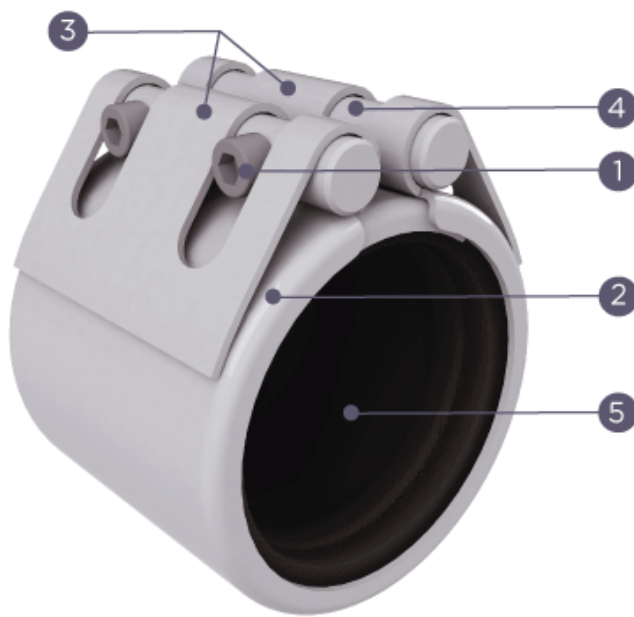


COUPLINGS

PAM HP FLEX S (W4)



- 1 Screw
- 2 Casing
- 3 Reinforcing strip
- 4 Barrel
- 5 Gasket

DESCRIPTION

Connection between pipe ends and/or fittings and accessories from Pam Building, PAM HP FLEX S (W4) couplings withstand up to 10 bar of hydrostatic pressure for most diameters. They are used for straight runs where pressure can occur. PAM HP FLEX S (W4) couplings are recommended for most aerial networks inside or outside of the buildings, and for normal climate. EPDM gasket is suitable for most types of effluents, while NBR gasket is recommended for wastewater and runoff water liable to contain hot oil, solvents or hydrocarbons.

STANDARDS & APPROVALS

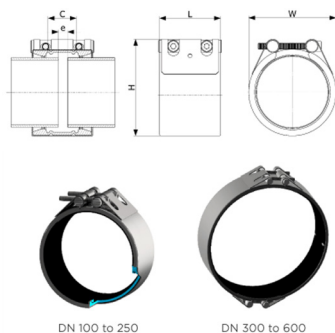
- Industry Product Standards:
 - EN 877
 - CE
 - NF

MATERIAL

- Screw: stainless steel 1.4404 / AISI 316L
- Casing: stainless steel 1.4301 / AISI 304
- Reinforcing strip: stainless steel 1.4301 / AISI 304
- Barrel: stainless steel 1.4401 / AISI 316
- Gasket: EPDM or NBR

COUPLINGS

PAM HP FLEX S (W4)



| DN | L | H | W | C | e | Max hydrostatic pressure (bar) * | Max angular deflection ** | Scew number | Torque | Gasket | Weight | Product code |
|-----|-----|-----|-----|----|---|----------------------------------|---------------------------|-------------|--------|--------|--------|--------------|
| 100 | 89 | 150 | 133 | 42 | 5 | 10 | 3° | 2 | 25 N*m | EPDM | 1.6 | 278442 |
| 100 | 89 | 150 | 133 | 42 | 5 | 10 | 3° | 2 | 25 N*m | NBR | 1.6 | 278451 |
| 125 | 114 | 177 | 157 | 67 | 5 | 10 | 3° | 2 | 25 N*m | NBR | 2.3 | 278452 |
| 125 | 114 | 177 | 157 | 67 | 5 | 10 | 3° | 2 | 25 N*m | EPDM | 2.3 | 278443 |
| 150 | 114 | 202 | 182 | 67 | 5 | 10 | 3° | 2 | 25 N*m | NBR | 2.5 | 278453 |
| 150 | 114 | 202 | 182 | 67 | 5 | 10 | 3° | 2 | 25 N*m | EPDM | 2.5 | 278444 |
| 200 | 114 | 252 | 232 | 67 | 5 | 10 | 3° | 2 | 25 N*m | NBR | 3.0 | 278454 |
| 200 | 114 | 252 | 232 | 67 | 5 | 10 | 3° | 2 | 25 N*m | EPDM | 3.0 | 278445 |
| 250 | 114 | 316 | 296 | 67 | 5 | 10 | 1°45' | 2 | 25 N*m | NBR | 3.5 | 278455 |
| 250 | 114 | 316 | 296 | 67 | 5 | 10 | 1°45' | 2 | 25 N*m | EPDM | 3.5 | 278446 |
| 300 | 144 | 414 | 358 | 81 | 5 | 10 | 1°45' | 4 | 40 N*m | NBR | 7.0 | 278456 |
| 300 | 144 | 414 | 358 | 81 | 5 | 10 | 1°45' | 4 | 40 N*m | EPDM | 7.0 | 278447 |
| 400 | 144 | 516 | 458 | 81 | 5 | 10 | 1°45' | 4 | 80 N*m | NBR | 9.0 | 278457 |
| 400 | 144 | 516 | 458 | 81 | 5 | 10 | 1°45' | 4 | 80 N*m | EPDM | 9.0 | 278448 |
| 500 | 144 | 619 | 561 | 81 | 5 | 6 | 1°45' | 4 | 80 N*m | NBR | 11.0 | 278458 |
| 500 | 144 | 619 | 561 | 81 | 5 | 6 | 1°45' | 4 | 80 N*m | EPDM | 11.0 | 278449 |
| 600 | 144 | 721 | 663 | 81 | 5 | 6 | 1°45' | 4 | 80 N*m | NBR | 13.0 | 278459 |
| 600 | 144 | 721 | 663 | 81 | 5 | 6 | 1°45' | 4 | 80 N*m | EPDM | 13.0 | 278450 |

All dimensions are in mm and nominal weights are in kg

The forces resulting from end-thrust effects are not taken up by the joint.

* Pressure test: performed according to EN 877

** Possible angular deviation between the axes of two elements to be connected, according to EN 877.

CAUTION :

- The assembly must be carried out without lubricating paste or grease.
- Respect the 5mm distance between the ends of the pipes.
- Use of grip collars is not possible. If it is necessary to «block» the pipe in order to, for example, take over background effects, please consult us.

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