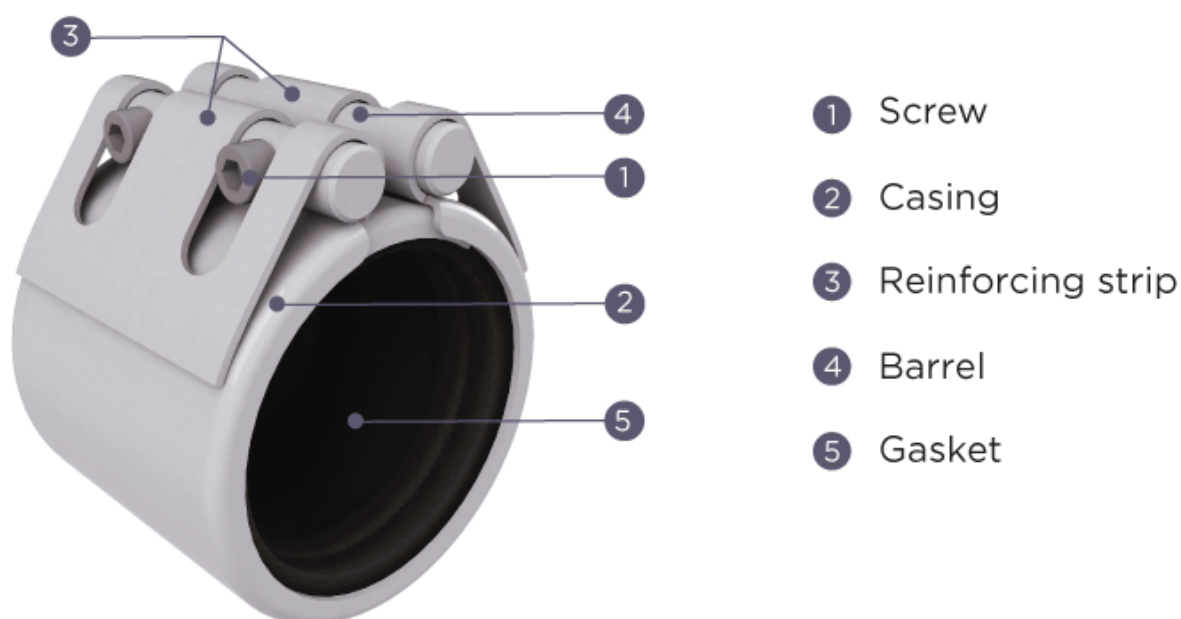


## COUPLINGS

### PAM HP FLEX S (W4)



#### 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.

**S (W4)** couplings are the most common for HP couplings, they are recommended for inside or outside of the buildings, and for non-aggressive environment.

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

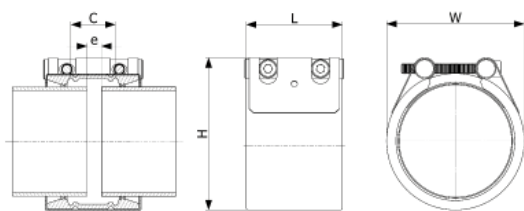
- Industry Product Standards:
  - NF EN877

#### MATERIAL

1. Screw: stainless steel 1.4404 / **AISI 316L**
2. Casing: stainless steel 1.4301 / **AISI 304**
3. Reinforcing strip: stainless steel 1.4301 / **AISI 304**
4. Barrel: stainless steel 1.4401 / **AISI 316**
5. Gasket: EPDM or NBR

# COUPLINGS

## PAM HP FLEX S (W4)



DN 100 to 250



DN 300 to 600

| DN  | L   | H   | W   | C  | e | Weight | Screw | Number of screw | Max. hydrostatic pressure (bar) * | Max angular deflection ** | Torque (NM) | Gasket | Product code |
|-----|-----|-----|-----|----|---|--------|-------|-----------------|-----------------------------------|---------------------------|-------------|--------|--------------|
| 100 | 89  | 150 | 133 | 42 | 5 | 1.6    | M8    | 2               | 10                                | 3°                        | 25          | EPDM   | 278442       |
| 125 | 114 | 177 | 157 | 67 | 5 | 2.3    | M10   | 2               | 10                                | 3°                        | 25          | EPDM   | 278443       |
| 150 | 114 | 202 | 182 | 67 | 5 | 2.5    | M10   | 2               | 10                                | 3°                        | 25          | EPDM   | 278444       |
| 200 | 114 | 252 | 232 | 67 | 5 | 3      | M10   | 2               | 10                                | 3°                        | 25          | EPDM   | 278445       |
| 250 | 114 | 316 | 296 | 67 | 5 | 3.5    | M10   | 2               | 10                                | 1°45'                     | 25          | EPDM   | 278446       |
| 300 | 144 | 414 | 358 | 81 | 5 | 7      | M10   | 4               | 10                                | 1°45'                     | 40          | EPDM   | 278447       |
| 400 | 144 | 516 | 458 | 81 | 5 | 9      | M10   | 4               | 10                                | 1°45'                     | 80          | EPDM   | 278448       |
| 500 | 144 | 619 | 561 | 81 | 5 | 11     | M10   | 4               | 6                                 | 1°45'                     | 80          | EPDM   | 278449       |
| 600 | 144 | 721 | 663 | 81 | 5 | 13     | M10   | 4               | 6                                 | 1°45'                     | 80          | EPDM   | 278450       |
| 100 | 89  | 150 | 133 | 42 | 5 | 1.6    | M8    | 2               | 10                                | 3°                        | 25          | NBR    | 278451       |
| 125 | 114 | 177 | 157 | 67 | 5 | 2.3    | M10   | 2               | 10                                | 3°                        | 25          | NBR    | 278452       |
| 150 | 114 | 202 | 182 | 67 | 5 | 2.5    | M10   | 2               | 10                                | 3°                        | 25          | NBR    | 278453       |
| 200 | 114 | 252 | 232 | 67 | 5 | 3      | M10   | 2               | 10                                | 3°                        | 25          | NBR    | 278454       |
| 250 | 114 | 316 | 296 | 67 | 5 | 3.5    | M10   | 2               | 10                                | 1°45'                     | 25          | NBR    | 278455       |
| 300 | 144 | 414 | 358 | 81 | 5 | 7      | M10   | 4               | 10                                | 1°45'                     | 40          | NBR    | 278456       |
| 400 | 144 | 516 | 458 | 81 | 5 | 9      | M10   | 4               | 10                                | 1°45'                     | 80          | NBR    | 278457       |
| 500 | 144 | 619 | 561 | 81 | 5 | 11     | M10   | 4               | 6                                 | 1°45'                     | 80          | NBR    | 278458       |
| 600 | 144 | 721 | 663 | 81 | 5 | 13     | M10   | 4               | 6                                 | 1°45'                     | 80          | NBR    | 278459       |

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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