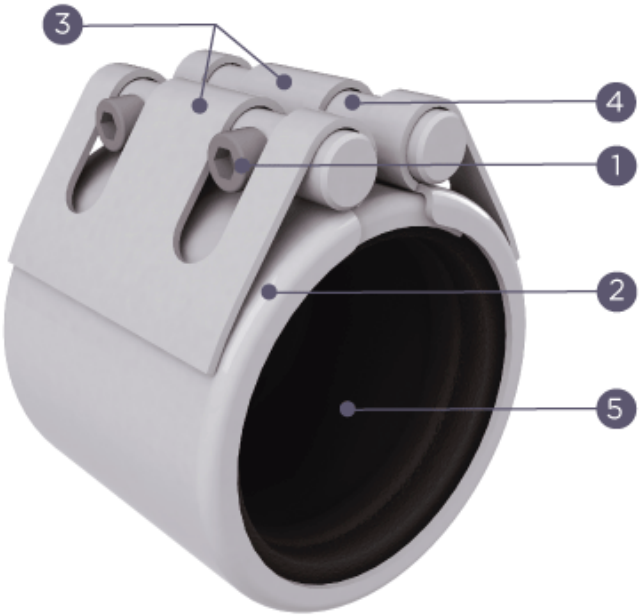
COUPLINGS

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.

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

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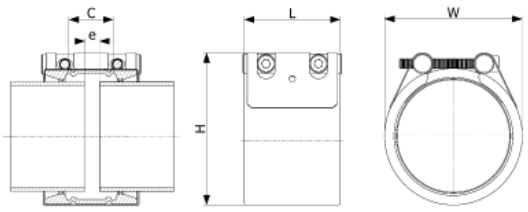

DN 100 to 250

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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