

COUPLINGS

PAM Rapid S (W2)



- 1 Bolt
- 2 Nut
- 3 Strap
- 4 Clamps
- 5 Supporting washer
- 6 Deformable washer
- 7 Gasket

DESCRIPTION

Connection between pipe ends and/or fittings and accessories from PAM Building, **PAM Rapid S (W2) single-bolt couplings** allow fast and reliable installation. It ensures optimized watertightness, pressure and corrosion resistance.

PAM Rapid S (W2) 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.

STANDARDS & APPROVALS

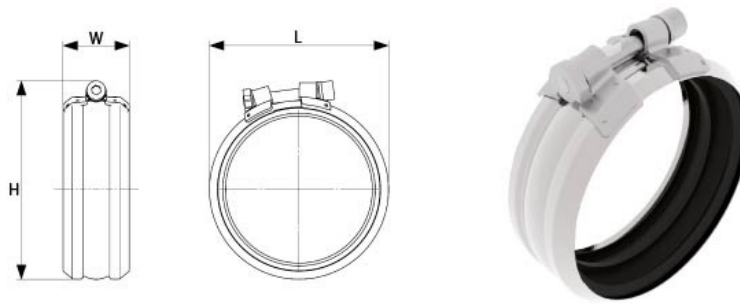
- Industry Product Standards:
 - NF EN877
 - NF P41 220

MATERIAL

- 1. Bolt: stainless steel A2-70
- 2. Nut: austenitic stainless steel
- 3. Strap: ferritic stainless steel 1.4510 or 1.4511 (AISI 430Ti or 439)
- 4. Clamps: stainless 1.4301, 1.4510 or 1.4511 (AISI 304, 430Ti or 439)
- 5. Supporting washer: coated steel
- 6. Deformable washer: zinc
- 7. Gasket: EPDM

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DN	L	H	W	Weight	Bolts	Hydrostatics pressure (bar) *	Torque (Nm)	Gasket	Product code
50	70	80	42	0.1	M8	10	**	EPDM	210424
75	90	103	42	0.12	M8	10	**	EPDM	210426
100	125	139	48	0.18	M8	10	*	EPDM	210427
125	147	161	56	0.28	M8	10	**	EPDM	210428
150	172	187	56	0.32	M8	5	**	EPDM	210429
200	223	240	70	0.6	M10	5	**	EPDM	210430
250	290	315	95	1.1	M10	3	25 N*m	EPDM	228759
300	350	375	95	1.25	M10	3	25 N*m	EPDM	228771

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.

The central convex curvature of the collar optimises angular deflection and compensates for any misalignment between two pipes, thus ensuring perfect water-tightness.

To withstand end thrust effects in specific areas (i.e branch connections and changes of direction) the use of grip collars is necessary. PAM Rapid is fully compatible with most grip collars available on the market. The assembly performance depends on the grip collar one. In general, up to 10 bars for DN 50 to DN 125, and 5 bars for DN 150 and 200, depending on the product specifications.

** The PAM Rapid is designed for full tightening with “zero gap”, there is no need to check the torque. For DN 250 and 300, apply the following torque: 25 N.m.

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