

COUPLINGS

PAM Rapid INOX (W5)



- 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 INOX (W5) single-bolt couplings** allow fast and reliable installation. It ensures optimized watertightness, pressure and corrosion resistance.

PAM Rapid INOX (W5) couplings are recommended for networks where external stresses are high due to climate exposure such as pollution, condensation, or saline mist.

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

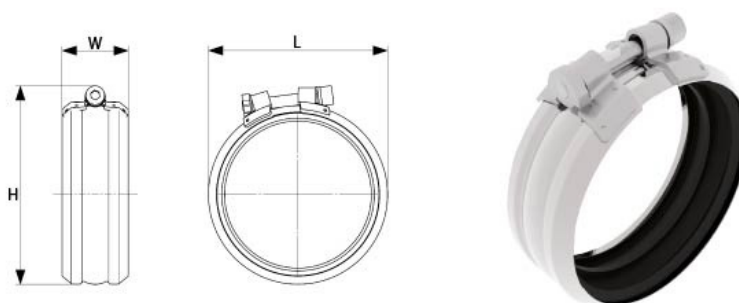
- Industry Product Standards:
 - NF EN877
 - NF P41 220

MATERIAL

- 1. Bolt: stainless steel A4-70
- 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: stainless steel A4-70
- 6. Deformable washer: zinc
- 7. Gasket: EPDM or NBR

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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	185635
75	90	103	42	0.12	M8	10	**	EPDM	207819
100	125	139	48	0.18	M8	10	**	EPDM	185636
125	147	161	56	0.28	M8	10	**	EPDM	207820
150	172	187	56	0.32	M8	5	**	EPDM	207831
200	223	240	70	0.6	M10	5	**	EPDM	185637
250	290	315	95	1.1	M10	3	25 N*m	EPDM	228773
300	350	375	95	1.25	M10	3	25 N*m	EPDM	228775
50	70	84	47	0.13	M8	10	**	NBR	212705
75	94	114	51	0.16	M8	10	**	NBR	212708
100	124	140	54	0.21	M8	10	**	NBR	212709
125	147	161	56	0.28	M8	10	**	NBR	212710
150	172	187	56	0.32	M8	5	**	NBR	212711
200	223	240	70	0.6	M10	5	**	NBR	212712
250	290	315	95	1.1	M10	3	25 N*m	NBR	212713
300	350	375	95	1.25	M10	3	25 N*m	NBR	212714

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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