

PEWOUNIGRIP Ø 39-430 mm / PN 16 EPDM

PEWOUNIGRIP

COUPLINGS AND FLANGE ADAPTORS

Application

The PEWOUNIGRIP couplings and flange adaptors are a range of universal gripping products from DN 50 u.t.i. DN 400 which enables you to make locking connections on steel, ductile iron, cast iron, asbestos cement, GRP, PE and PVC pipes from 39 mm o.d. u.t.i. 430 mm o.d.

Technical concept

The new Gripping products gives you a range of maximum 40 mm to connect all different pipe materials with each other and make them pull-out resistant. The new developed gasket in combination with the POM grippers results in a leaktight, pull-out resistant connection.

The sealing is being made through the incorporated O-rings making small separate chambers and taking care for a quick leaktight sealing. The POM grippers in combination with the incorporated steel rivets take care for the locking device. It is a universal design that can be used on all the pipe materials without changing them.

User friendly

The locking bolt head design takes care for an easy installation by only using a torque wrench. The product is able to take up angular deflection up to 8° (for flange adaptors up to 4°). Suitable for a working pressure up to 16 bars for water and 5 bars for gas applications.

Tested in accordance to EN 14525, EN 545, EN 969.

Note: for use on PE and PVC pipes we recommend you to use inserts.

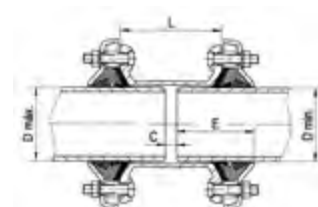


Material specifications

- Middlring / flange adaptor body: ductile cast iron GGG 50 to EN-GJS-500-7
- Followers: ductile cast iron GGG 50 to EN-GJS-500-7
- Rubber gaskets: EPDM or NBR to BS EN 681-1
- Grippers: POM (methylene polioxide)
- Rivets with milling: tempered steel cq 15
- Bolts and washers: stainless steel A2 (X5 CrNi 18-10) to EN 10088-1
- Nuts: stainless steel A4 (X5 CrNiMo 17-12-2) to EN 10088-1
- Coating: Resicoat epoxy, blue colour, to DIN 30677



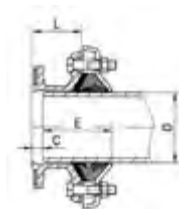
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Pipe Couplings

POD	L mm	E		C min. mm	PE/PVC	Suitable for pipe outside diameters in mm:			Asbestos Cement Class					Weight kg.
		min. mm	max. mm			Ductile/ Cast Iron	Steel	6	12	18	24	30		
39/52	145	90	115	20	40 50		42,4 48,3							5,1
49/64	145	90	115	20	50 63	56	48,3 60,3							5,6
63/83	170	105	133	20	63 75	66 77 82	76,1	66 76	66 76	66 76	66 76	66 78		12,1
72/93	170	105	133	20	75 90	77 82	76,1 88,9	76	76	76	76	78		
78/103	170	105	133	20	90	82 98	88,9 101,6	96	96	96	98	78		
87/117	170	105	133	20	90 110	98	88,9 101,6 114,3	96 116	96 116	96	98	104		
100/130	180	105	137	25	110 125	118	101,6 114,3	116	116	118	122	104 128		16,2
117/147	180	105	137	25	125 140	118 144	139,7	141	141	118 145	122	128		18,2
138/168	180	105	137	25	140 160	144	139,7	141 168	141 168	118	122	128		20
152/182	215	115	152	25	160 180	170	168,3 177,8	168	168	174	180	157		21,6
172/202	215	115	152	25	180 200		177,8 193,7			174	180	188		22,6
198/228	215	115	152	25	200 225	222	219,1	220	222	228				27,8
217/257	220	130	162	35	225 250	222	244,5	220	222	228	238	250		31,1
245/285	300	150	200	35	250 280	274	273,1	272	276			250		42
300/340	300	150	200	35	315	326	323,9	324	330	338				46,5
340/380	300	150	200	55	355	378	355,6	376			352	366		57
390/430	300	150	200	55	400	429	406,4	428				426		73,2

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Flange Adaptor

Nominal Size DN mm	POD	L mm	E		C min. mm	Suitable for pipe outside diameters in mm:									Weight kg.
			min. mm	max. mm		PE/PVC	Ductile/ Cast Iron	Steel	Asbestos Cement Class						
						6	12	18	24	30					
50	39/52	85	90	120	15	40 50			42,4 48,3						4,1
40	49/64	85	90	120	15	50 63	56		48,3 60,3						4,2
60/65	63/83	85	105	128	15	63	66		76,1	66	66	66	66	66	7,6
						75	77 82			76	76	76	76	78	
80	78/103	85	105	128	15	90	82 98		88,9 101,6	96	96	96	98	78	8,4
80/100	87/117	85	105	128	15	90			88,9	96	96				9,2
						110	98	101,6 114,3	116	116	96	98	104		
100	100/130	90	105	130	20	110 125	118		101,6 114,3	116	116	118	122	104 128	10
125	117/147	90	105	130	20	125 140	118 144		139,7	141	141	118 145	122	128	11,6
150	152/182	110	115	145	20	160 180	170		168,3 177,8	168	168	174	180	157	14
200	198/228	110	115	145	20	200 225	222		219,1	220	222	228			18
250	245/285	150	150	180	30	250 280	274		273,1	272	276			250	27,8
300	300/340	150	150	180	30	315	326		323,9	324	330	338			34,3
350	340/380	150	150	180	40	355	378		355,6	376			352	366	41,2
400	390/430	150	150	180	40	400	429		406,4	428				426	50,8/52,8