

HEGAWA Fastfit grip

COUPLINGS AND FLANGE ADAPTORS FOR PE / PVC PIPES

Application

Hegawa now introduces the new pull-out resistance "Fastfit Grip" pipe coupling and flange adaptors for PE and PVC pipes.

Technical concept

The coupling consists of a sleeve that is placed between two end-rings. Between end-rings and sleeve, grip rings, press rings and gaskets are positioned. The end-rings are pressed onto the sleeve when the bolts are tightened. The rubber gasket, pressed by the press ring and grip ring, then completely fills up the space between pipe and coupling.

Because of the strong compression and the high quality of the rubber gasket, the pressure on the ring that guarantees the leak tight sealing, will remain on the required quality level for many years.

By tightening the bolts the press ring and the grip ring will press the gasket inside, until the press ring makes contact with the sleeve. From then on the brass grip ring starts to reduce its diameter, and the sharp profile of the grip ring starts to cut into the PE pipe. After the bolts are tightened, until a metal-metal contact is reached, the coupling is ready for use.



Features

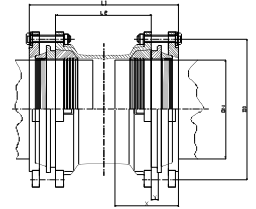
- Pre-assembled delivery of all types of couplings and adaptors (no dismantling is needed before use).
- A minimum of different parts.
- No special tools required.
- Nut protected against turning during tightening.
- No high skills needed to install properly.
- Metal to metal contact indicates a proper instalment. Over-tightening is not possible.
- PE pipes can easily be inserted by over-dimensioning of the grip ring and gasket inside diameter.
- Even at max. tolerance of the pipe diameter, no chamfer of pipe ends is needed.
- Designed for PE and PVC pipes.
- Flange adaptors follow DIN, BS, and Ansi PN 10/16. (for more details see our list).
- No support liner necessary for PE/PVC PN 10/16 quality.
- Only three bolts for sizes up to DN 110, four bolts for sizes up to 180, five bolts up to DN 280 and eight bolts up to DN 315.

Material specifications

- End rings, press rings, sleeves and adaptors are made of high quality ductile iron GGG 450-10.
- Grip rings: brass MS 58 up to including DN 300.
- Rubber gaskets: EPDM grade W.
- Bolts and nuts: Dacromet coated steel bolts. Stainless steel bolts in grade A2-70 are available on request.
- Coating: Dupont Alesta epoxy powder coating.

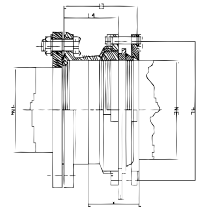
HEGAWA

FASTFIT GRIP COUPLINGS AND FLANGE ADAPTORS



Pipe Couplings

POD	D1	L1	L2	X	Y	No.	Bolts D	L	Weight kg.
63	130	214	130	90	6,5	6	M12	65	4,5
90	160	232	140	100	8,0	6	M12	65	6,5
110	180	241	146	105	8,5	6	M12	65	8,0
125	197	245	150	115	9,0	6	M12	65	9,5
160	235	272	174	115	10,5	8	M12	75	13,5
180	257	282	180	115	11,0	8	M12	75	16,0
225	306	309	200	125	11,0	10	M12	90	23,0
250	343	323	200	135	11,0	10	M12	90	36,5
280	375	332	200	140	12,0	10	M12	90	39,5
315	410	348	210	140	15,0	16	M12	90	46,5



Flange Adaptors

POD	Flange DN1	D1	L3	L4	X	Y	No.	Bolts D	L	Weight kg.
63	80	130	107	65	90	6,5	3	M12	65	4,5
90	80	160	115	70	100	8,0	3	M12	65	4,5
110	100	180	120	73	105	8,5	3	M12	65	5,0
125	100	197	158	110	115	9,0	3	M12	65	6,5
160	150	235	138	90	115	10,5	4	M12	75	8,5
180	150	257	176	125	115	11,0	4	M12	75	9,0
225	200	306	185	125	125	11,0	5	M12	90	12,5
250	250	343	192	130	130	11,0	5	M12	90	20,5
280	250	375	206	140	140	12,0	5	M12	90	20,5
315	300	410	219	150	140	15,0	8	M12	90	26,0

Flange ND	Pipe OD mm	Flange Info					ANSI 150
		PN		A	BS 10 D	E	
10	16						
DN80 3"	63	+	+				+
DN80 3"	90	+	+				+
DN100 4"	110	+	+	+	+	+	+
DN100 4"	125	+	+	+	+	+	+
DN150 6"	160	+	+				+
DN150 6"	180	+	+				+
DN200 8"	225	+	+	+	+	+	+
DN250 10"	250	+	+			+	+
DN250 10"	280	+	+			+	+
DN300 12"	315	+	+				+