

LARGE TOLERANCE MULTIMATERIAL COUPLING FLANGE ADAPTOR 11.4001

WITH GFIX® GRIP SYSTEM

DN 50 - 400 PN10/16



Product description

- Large tolerance multimaterial coupling flanged adaptor with GFIX® grip system for waste water
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 14525
- Flange drilling to EN 1092-2 PN10/16

Test according

- EN 14525: Positive internal pressure and negative internal
- EN 545: Positive internal pressure

Corrosion protection

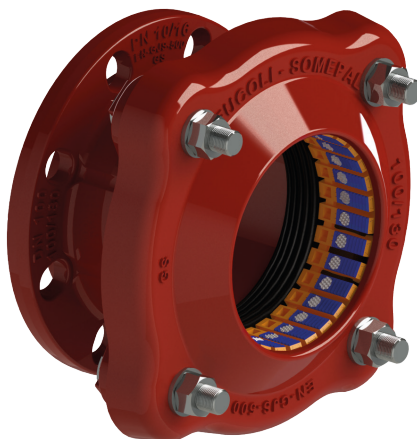
- Epoxy powder coating RAL 3011
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating, fusion bonded according EN 14901-1 and GSK approved

Approvals

- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Large tolerance multimaterial coupling flanged adaptor for waste water
- GFIX® grip system allows a high-fidelity seal/locking of the assembly without pipe disconnections
- The pipe block is performed by a tempered serrated rivets system mounted on the conical claws that fit and grip causing no damage on the pipe
- Sealing system in NBR
- The sealing is carried out through a seal with O-rings, mounted on a ring made by the grip support, which will slide until being pressed against the pipe
- Allows a maximum angle deflection of 4°
- Bolts in A2 (Aisi 304) with Lubo anti galling surface coating, washers in A2 (Aisi 304) and nuts in A4 (Aisi 316)
- Bolts ends protected with plastic caps
- Allow the connection between pipes with several external diameters and different materials (PE, uPVC, ductile iron, steel, abestos ciment, glass fiber pipes and others) to flanged component
- For PE or uPVC pipe applications, you should be used an insert in stainless steel inside the pipe [ref.15.400]
- On request possibility of bolts, washers and nuts in stainless steel A4.



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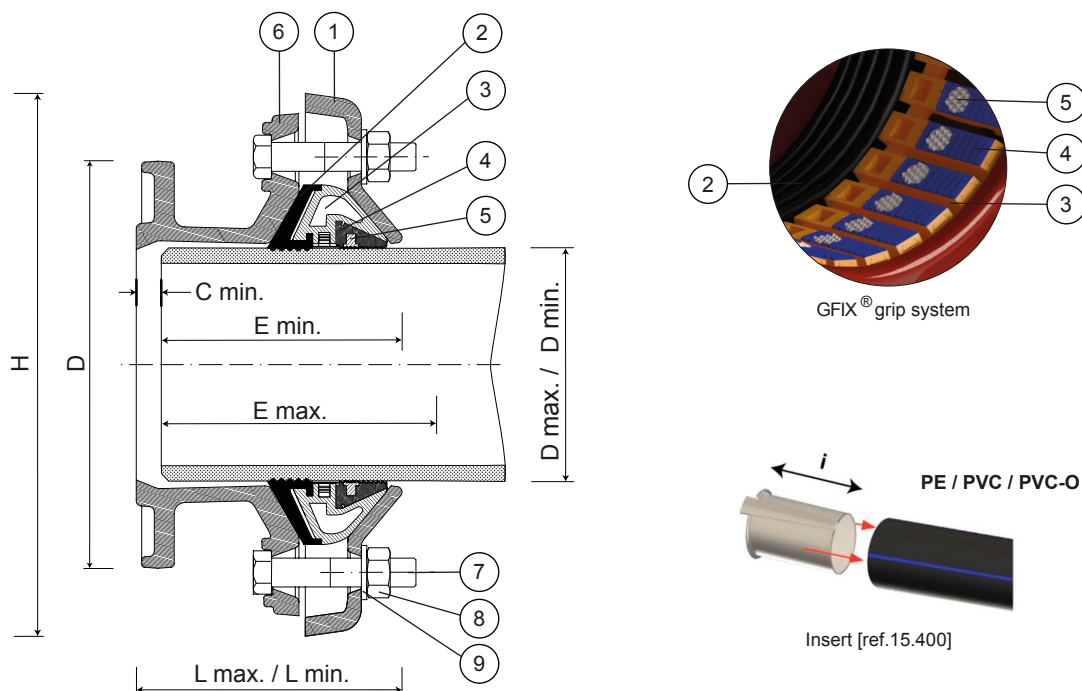
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Component list

pos	components	material	standard
1	Locking ring	Ductile iron EN-GJS-500-7	EN 1563
2	Sealing	Elastomer NBR	EN 681 - 1
3	Gripper support	POM	-
4	Gripper	POM	-
5	Rivets with milling	Tempered steel cq 15	EN 10263-1/2/3/4/5

pos	components	material	standard
6	Body	Ductile iron EN-GJS-500-7	EN 1563
7	Bolts	Stainless steel A2 Lubo coated	EN 10088 - 1
8	Nuts	Stainless steel A4	EN 10088 - 1
9	Washers	Stainless steel A2	EN 10088 - 1

Reference and dimensions

DN flange	D min./max. mm - mm	PN	code	L min./max. mm - mm	H mm	E min./max. mm - mm	C min. mm	i insert* mm	D flange mm	Bolt	Torque	Kg approx.
50	39 - 52	10/16	10908500	129 - 138	195	90 - 120	15	175	165	3 x M12	19 mm 50 - 70 Nm	5
50	49 - 64	10/16	10908501	128 - 138	197	90 - 120	15	175	165	3 x M12	19 mm 50 - 70 Nm	5
60/65	63 - 83	10/16	10908502	129 - 143	209	105 - 128	15	175	175/185	4 x M12	19 mm 50 - 70 Nm	8
80	78 - 103	10/16	10908503	125 - 143	229	105 - 128	15	175	200	4 x M12	19 mm 50 - 70 Nm	9
80/100	87 - 117	10/16	10908504	121 - 143	243	105 - 128	15	175	200/220	4 x M12	19 mm 50 - 70 Nm	10
100	100 - 130	10/16	10908505	127 - 150	256	105 - 130	20	175	220	4 x M16	24 mm 90 - 120 Nm	10
125	117 - 147	10/16	10908506	127 - 150	273	105 - 130	20	175	250	4 x M16	24 mm 90 - 120 Nm	12
150	152 - 182	10/16	10908507	147 - 168	308	115 - 145	20	175	285	4 x M16	24 mm 90 - 120 Nm	14
200	198 - 228	10/16	10908508	147 - 168	354	115 - 145	20	200	340	4 x M16	24 mm 90 - 120 Nm	18
200	245 - 285	10/16	10908524	251 - 280	424	150 - 180	95	200	340	6 x M16	24 mm 90 - 120 Nm	30
250	245 - 285	10/16	10908509	191 - 220	420	150 - 180	30	225	400	6 x M16	24 mm 90 - 120 Nm	27
300	300 - 340	10/16	10908510	191 - 220	479	150 - 180	30	225	455	8 x M16	24 mm 90 - 120 Nm	35
300	340 - 380	10/16	10908525	271 - 300	519	150 - 180	110	225	455	8 x M16	24 mm 90 - 120 Nm	49
350	340 - 380	10/16	10908511	191 - 220	520	150 - 180	40	225	505/520	8 x M16	24 mm 90 - 120 Nm	42
400	390 - 430	10	10908513	191 - 220	571	150 - 180	40	225	565	8 x M16	24 mm 90 - 120 Nm	49
400	390 - 430	16	10908514	191 - 220	571	150 - 180	40	225	580	8 x M16	24 mm 90 - 120 Nm	52

* recommended for PE, uPVC or PVC-O pipes - insert [ref.15.400]

Table of tolerances and pipes on next page

continued on next page

All the drawing, technical data, dimensions and weights are not binding. Subject to change. The components may be replaced by equivalent or higher materials without prior notice.

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TABLE OF TOLERANCES AND PIPES

				Pipes									
DN	Tolerances	code		PE / PVC-u	Ductile iron		Steel	Asbestos cement					
	D min. - max. mm - mm	PN10	PN16	ø ext. pipe mm	DN	ø ext. pipe mm	ø ext. pipe mm	DN	Class 6	Class 12	Class 18	Class 24	Class 30
50	39 - 52	10908500	10908500	40 50	-	-	42.4 48.3	-	-	-	-	-	-
50	49 - 64	10908501	10908501	50 63	40	56	48.3 60.3	-	-	-	-	-	-
60/65	63 - 83	10908502	10908502	63 75	50 60 65	66 77 82	76.1	50 60	66 76	66 76	66 76	66 76	66 78
80	78 - 103	10908503	10908503	90	65 80	82 98	88.9 101.6	60 80	- 96	- 96	- 96	- 98	78 -
80/100	87 - 117	10908504	10908504	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100	100 - 130	10908505	10908505	110 125	100	118	101.6 114.3	80 100	- 116	- 116	- 118	- 122	104 128
125	117 - 147	10908506	10908506	125 140	100 125	118 144	139.7	100 125	- 141	- 141	118 145	122 -	128 -
150	152 - 182	10908507	10908507	160 180	150	170	168.3 177.8	125 150	- 168	- 168	- 174	- 180	157 -
200	198 - 228	10908508	10908508	200 225	200	222	219.1	200	220	222	228	-	-
200	245 - 285	10908524	10908524	250 280	200	274	273	200 250	- 272	- 276	- -	- -	250 -
250	245 - 285	10908509	10908509	250 280	250	274	273	200 250	- 272	- 276	- -	- -	250 -
300	300 - 340	10908510	10908510	315	300	326	323.9	300	324	330	338	-	-
300	340 - 380	10908525	10908525	355	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
350	343 - 378	10908511	10908511	355	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
400	390 - 430	10908513	10908514	400	400	429	406.4	350 400	- 428	- -	396 -	410 -	426 -



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