

LARGE TOLERANCE MULTIMATERIALS COUPLING FLANGED ADAPTOR 08.301

DN 40 - 1200 PN10/16



Product description

- Large tolerance multimaterials coupling flanged adaptor for drinking water and neutral liquids
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 14525

Test according

- EN 14525: Positive internal pressure and negative internal

Corrosion protection

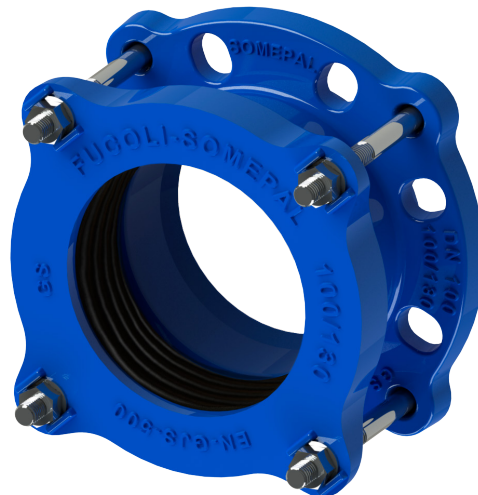
- Epoxy powder coating RAL 5005
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating, fusion bonded according EN 14901-1 and GSK approved

Approvals

- ACS Potability Certificate 23 ACC NY 127
- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Large tolerance multimaterial coupling flanged adaptor for drinking water
- EPDM sealing gaskets drinking water approved, with incorporated O-rings, which ensures an extremely effective seal and absorb minor imperfections in the pipe
- Tolerance range from 30 to 40 mm that allows great versatility of the product and assembly of pipes with different materials and diameters
- Allow a maximum deflection angle of 3°
- Bolts in steel cl. 8.8, geomet coated
- Allow the connection between pipe of ductile iron, steel, uPVC, asbestos cement, glass fibre, among other
- On request possibility of NBR sealing and/or bolts, washers and nuts in stainless steel A2 or A4.



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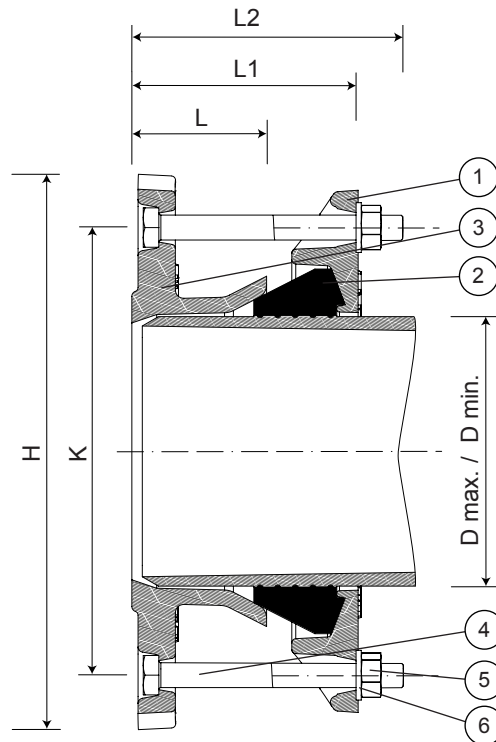
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

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Component list

pos.	components	material	standard	pos.	components	material	standard
1	Locking ring	Ductile iron EN-GJS-500-7	EN 1563	4	Bolts	Steel cl 8.8 (geomet coating)	ISO 898-1
2	Sealing	Elastomer EPDM	EN 681 - 1	5	Nuts	Steel cl 8 (geomet coating)	ISO 898-2
3	Body	Ductile iron EN-GJS-500-7	EN 1563	6	Washers	Steel (geomet coating)	ISO 898-2

Reference and dimensions

DN flange	D min./max. mm - mm	PN	code	L mm	L1 mm	H flange mm	K mm	Kg approx.	Bolt	L2 mm		Torque
40	25 - 55	10/16	10900200	65	108	168	110	5	3 x M12	120	19 mm	60 - 80 Nm
50	39 - 69	10/16	10900201	65	108	182	125	5	3 x M12	120	19 mm	60 - 80 Nm
50	46 - 76	10/16	10900202	65	108	185	125	5	3 x M12	120	19 mm	60 - 80 Nm
60/65	57 - 87	10/16	10900203	65	108	216	135/145	6	4 x M12	120	19 mm	60 - 80 Nm
80	78 - 108	10/16	10900204	65	108	237	160	7	4 x M12	120	19 mm	60 - 80 Nm
80/100	87 - 117	10/16	10900209	65	108	245	160/180	7	4 x M12	120	19 mm	60 - 80 Nm
100	87 - 117	10/16	10900205	65	108	245	180	7	4 x M12	120	19 mm	60 - 80 Nm
100	100 - 130	10/16	10900206	65	108	253	180	8	4 x M12	120	19 mm	60 - 80 Nm
100	108 - 138	10/16	10900211	65	114	260	180	7	4 x M12	120	19 mm	60 - 80 Nm
125	117 - 147	10/16	10900207	70	114	275	210	9	4 x M12	120	19 mm	60 - 80 Nm
125/150	129 - 159	10/16	10900208	70	114	250/285	210/240	10	4 x M12	120	19 mm	60 - 80 Nm
150	152 - 182	10/16	10900210	75	119	319	240	11	4 x M16	150	24 mm	100 - 140 Nm
200	186 - 216	10/16	10900212	75	119	356	295	14	4 x M16	150	24 mm	100 - 140 Nm
200	198 - 228	10/16	10900213	75	119	364	295	14	4 x M16	150	24 mm	100 - 140 Nm
250	245 - 280	10/16	10900215	85	140	435	350	21	4 x M16	150	24 mm	100 - 140 Nm
250	266 - 301	10/16	10900216	90	145	458	350	22	6 x M16	150	24 mm	100 - 140 Nm
300	314 - 349	10/16	10900217	90	145	507	400	27	6 x M16	150	24 mm	100 - 140 Nm
350	343 - 378	10/16	10900218	90	145	532	460	33	8 x M16	150	24 mm	100 - 140 Nm
350	375 - 410	10/16	10900219	127	145	572	460	40	8 x M16	200	24 mm	100 - 140 Nm
400	396 - 431	10	10900221	127	190	593	515	44	8 x M16	200	24 mm	100 - 140 Nm

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DN flange	D min./max. mm - mm	PN	code	L mm	L1 mm	H flange mm	K mm	Kg approx.	Bolt	L2 mm		Torque
400	396 - 431	16	10900222	127	190	595	525	47	8 x M16	200	24 mm	100 - 140 Nm
400	420 - 455	10	10900223	127	190	616	515	46	8 x M16	200	24 mm	100 - 140 Nm
400	420 - 455	16	10900224	127	190	616	525	48	8 x M16	200	24 mm	100 - 140 Nm
450	457 - 492	10	10900225	127	190	653	565	54	10 x M16	200	24 mm	100 - 140 Nm
450	457 - 492	16	10900226	127	190	653	585	55	10 x M16	200	24 mm	100 - 140 Nm
500	497 - 532	10	10900227	127	190	670	620	56	10 x M16	200	24 mm	100 - 140 Nm
500	497 - 532	16	10900228	127	190	715	650	68	10 x M16	200	24 mm	100 - 140 Nm
500	533 - 568	10	10900229	127	190	730	620	56	10 x M16	200	24 mm	100 - 140 Nm
500	533 - 568	16	10900230	127	190	730	650	65	10 x M16	200	24 mm	100 - 140 Nm
600	625 - 660	10	10900233	130	200	828	725	73	10 x M16	200	24 mm	100 - 140 Nm
600	625 - 660	16	10900234	130	200	840	770	93	10 x M16	200	24 mm	100 - 140 Nm
700	710 - 745	10	10900239	160	200	933	840	121	12 x M16	250	24 mm	100 - 140 Nm
700	710 - 745	16	10900240	160	200	933	840	125	12 x M16	250	24 mm	100 - 140 Nm
800	810 - 845	10	10900241	160	200	1040	950	140	12 x M16	250	24 mm	100 - 140 Nm
800	810 - 845	16	10900242	160	200	1040	950	144	12 x M16	250	24 mm	100 - 140 Nm
900	934 - 975	10	10900235	160	200	1180	1050	-	14 x M20	260	30 mm	160 - 200 Nm
900	934 - 975	16	10900236	160	200	1180	1050	182	14 x M20	260	30 mm	160 - 200 Nm
1000	1034 - 1075	10	10900243	160	200	1230	1160	221	14 x M20	260	30 mm	160 - 200 Nm
1000	1034 - 1075	16	10900244	160	200	1255	1170	-	14 x M20	260	30 mm	160 - 200 Nm
1200	1219 - 1260	10	10900245	160	200	1475	1380	264	16 x M20	260	30 mm	160 - 200 Nm
1200	1219 - 1260	16	10900246	160	200	1485	1390	340	16 x M20	260	30 mm	160 - 200 Nm

Table of tolerances and pipes on next page



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TABLE OF TOLERANCES AND PIPES

				Pipes									
DN	Tolerances	code		PVC	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
40	25 - 55	10900200	10900200	25 32 50	-	-	42.4 48.3	-	-	-	-	-	-
50	39 - 69	10900201	10900201	50 63	40 50	56 66	42.4 48.3 60.3	50	66	66	66	66	66
50	46 - 76	10900202	10900202	63 75	40 50	56 66	48.3 60.3	50 60	66 76	66 76	66 76	66 76	66 -
60/65	57 - 87	10900203	10900203	63 75	50 60 65	66 77 82	60.3 76.1	50 60	66 76	66 76	66 76	66 76	66 78
80	78 - 108	10900204	10900204	90	65 80	82 98	88.9 101.6	60 80	- 96	- 96	- 96	- 98	78 104
80/100	87 - 117	10900209	10900209	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100	87 - 117	10900205	10900205	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100	100 - 130	10900206	10900206	110 125	100	118	101.6 114.3	80 100	- 116	- 116	- 118	- 122	104 128
100	108 - 138	10900211	10900211	110 125	100	118	114.3	100	116	116	118	122	128
125	117 - 147	10900207	10900207	125 140	100 125	118 144	139.7	100 125	- 141	- 141	118 145	122 -	128 -
125/150	129 - 159	10900208	10900208	140	125	144	139.7	125	141	141	145	151	157
150	152 - 182	10900210	10900210	160 180	150	170	168.3 177.8	125 150	- 168	- 168	- 174	- 180	157 -
200	186 - 216	10900212	10900212	200	-	-	193.7	150	-	-	-	-	188
200	198 - 228	10900213	10900213	200 225	200	222	219.1	200	220	222	228	-	-
250	245 - 280	10900215	10900215	250 280	250	274	273	200 250	- 272	- 276	- -	- -	250 -
250	266 - 301	10900216	10900216	280	250	274	273	250	272	276	282	294	-
300	314 - 349	10900217	10900217	315	300	326	323.9	300	324	330	338	-	-
350	343 - 378	10900218	10900218	355	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
350	375 - 410	10900219	10900219	400	350	378	406.4	350	376	384	396	410	-
400	396 - 431	10900221	10900222	400	400	429	406.4	350 400	- 428	- -	- -	- -	426 -
400	420 - 455	10900223	10900224	-	400	429	-	400	-	438	452	-	-
450	457 - 492	10900225	10900226	-	450	480	457.0	400 450	- 482	- 492	- -	470 -	488 -
500	497 - 532	10900227	10900228	500	500	532	508	450	-	-	512	532	-
500	533 - 568	10900229	10900230	560	-	-	559	500	536	548	568	-	-
600	625 - 660	10900233	10900234	630	600	635	660	600	644	660	-	-	-
700	710 - 745	10900239	10900240	710	700	738	711.0	600	-	-	-	-	714
800	810 - 845	10900241	10900242	-	800	842	813.0	700	-	-	-	-	828
900	934 - 975	10900235	10900236	-	900	945	-	800 900	- 960	- -	- -	- -	946 -
1000	1034 - 1075	10900243	10900244	-	1000	1048	1067.0	900 1000	- -	- -	- -	1050 1066	- -
1200	1219 - 1260	10900245	10900246	-	1200	1255	1219.0	-	-	-	-	-	-



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