

MULTIMATERIALS COUPLING

DN 40 - 1200 PN16

11.3000



Product description

- Multimaterial coupling for waste water
- 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 3011
- Applied internal and external with a minimum coating thickness of 250 µm
- Fusion bonded epoxy coating according EN 14901-1 and GSK (RAL-GZ662) guidelines

Features

- Multimaterials coupling for waste water
- NBR sealing gaskets 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 6°
- Bolts in steel cl. 8.8, geomet coated
- Allow the connection between piper of ductile iron, steel, uPVC, asbestos cement, glass fibre, among other
- On request possibility of bolts, washers and nuts in stainless steel A2 or A4.



Fucoli-Somepal
FUNDIÇÃO DE FERRO, S.A.

Visit our website at www.fucoli-somepal.pt

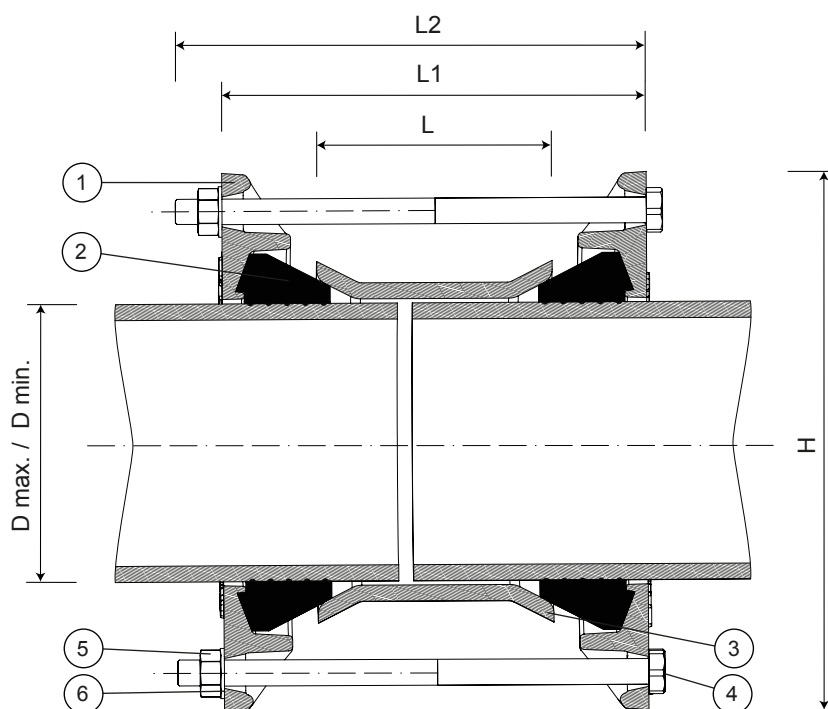
Head office: Estrada de Coselhas, 3000-125 Coimbra – Portugal | Tel.: (+351) 239 490100

Branch office: Rua de Aveiro 50, 3050-420 Pampilhosa – Portugal | Tel.: (+351) 239 490100 | comercial@fucoli-somepal.pt

MULTIMATERIALS COUPLING

DN 40 - 1200 PN16

11.3000



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	Body	Ductile iron EN-GJS-500-7	EN 1563

pos	components	material	standard
4	Bolts	Steel cl 8.8 (geomet coating)	ISO 898-1
5	Nuts	Steel cl 8 (geomet coating)	ISO 898-2
6	Washers	Steel (geomet coating)	ISO 898-2

Reference and dimensions

DN mm	D min./max. mm - mm	code	L mm	L1 mm	H mm	Kg approx.	Bolt	L2 mm		Torque
40	25 - 55	10908000	110	198	151	5	3 x M12	220	19 mm	60 - 80 Nm
40 / 50	39 - 69	10908010	110	198	165	6	3 x M12	220	19 mm	60 - 80 Nm
40 / 50	46 - 76	10908020	110	200	172	6	3 x M12	220	19 mm	60 - 80 Nm
40 / 50	48 - 78	10908021	110	202	174	7	3 x M12	220	19 mm	60 - 80 Nm
60 / 65	57 - 87	10908030	110	197	214	7	4 x M12	220	19 mm	60 - 80 Nm
60 / 65	63 - 93	10908031	110	201	220	8	4 x M12	220	19 mm	60 - 80 Nm
80	78 - 108	10908040	110	197	235	8	4 x M12	220	19 mm	60 - 80 Nm
80 / 100	87 - 117	10908050	110	200	244	9	4 x M12	220	19 mm	60 - 80 Nm
100	100 - 130	10908055	110	198	253	10	4 x M12	250	19 mm	60 - 80 Nm
100	108 - 138	10908057	110	170	261	10	4 x M12	250	19 mm	60 - 80 Nm
125	117 - 147	10908060	120	208	270	11	4 x M12	250	19 mm	60 - 80 Nm
125 / 150	129 - 159	10908070	120	208	282	12	4 x M12	250	19 mm	60 - 80 Nm
150	138 - 168	10908080	120	208	291	13	4 x M12	250	19 mm	60 - 80 Nm
150	152 - 182	10908090	120	208	315	14	4 x M16	250	24 mm	100 - 140 Nm
150	159 - 189	10908091	120	180	322	15	4 x M16	250	24 mm	100 - 140 Nm
175	172 - 202	10908095	120	208	335	15	4 x M16	250	24 mm	100 - 140 Nm
175 / 200	186 - 216	10908100	120	208	349	16	4 x M16	250	24 mm	100 - 140 Nm
200	198 - 228	10908110	120	208	361	17	4 x M16	250	24 mm	100 - 140 Nm
225	218 - 253	10908120	130	197	402	23	4 x M16	280	24 mm	100 - 140 Nm
250	245 - 280	10908130	130	235	429	24	4 x M16	280	24 mm	100 - 140 Nm
250	266 - 301	10908140	150	255	450	30	6 x M16	300	24 mm	100 - 140 Nm

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.

Ed.8 Rev. 3 2/4

MULTIMATERIALS COUPLING

DN 40 - 1200 PN16

11.3000



continued from previous page

DN mm	D min./max. mm - mm	code	L mm	L1 mm	H mm	Kg approx.	Bolt	L2 mm		Torque
300	297 - 332	10908143	150	260	481	32	6 x M16	300	24 mm	100 - 140 Nm
300	314 - 349	10908150	150	255	498	34	6 x M16	300	24 mm	100 - 140 Nm
350	343 - 378	10908151	150	263	527	35	6 x M16	300	24 mm	100 - 140 Nm
350	375 - 410	10908152	150	266	533	43	8 x M16	300	24 mm	100 - 140 Nm
400	396 - 431	10908153	200	316	591	52	8 x M16	360	24 mm	100 - 140 Nm
400	420 - 455	10908154	200	286	615	56	8 x M16	360	24 mm	100 - 140 Nm
450	449 - 484	10908163	200	328	650	65	10 x M16	360	24 mm	100 - 140 Nm
450	457 - 492	10908155	200	328	652	66	10 x M16	360	24 mm	100 - 140 Nm
450	497 - 532	10908156	200	328	692	70	10 x M16	360	24 mm	100 - 140 Nm
500	501 - 540	10908165	200	368	694	72	10 x M16	360	24 mm	100 - 140 Nm
550	525 - 560	10908149	200	286	720	74	10 x M16	360	24 mm	100 - 140 Nm
550	533 - 568	10908157	200	328	728	75	10 x M16	360	24 mm	100 - 140 Nm
600	575 - 610	10908158	200	328	770	80	10 x M16	360	24 mm	100 - 140 Nm
600	625 - 660	10908159	200	286	820	89	10 x M16	360	24 mm	100 - 140 Nm
650	660 - 695	10908160	200	338	839	102	10 x M16	360	24 mm	100 - 140 Nm
700	710 - 745	10908166	200	367	931	133	12 x M16	410	24 mm	100 - 140 Nm
700	724 - 765	10908168	200	367	955	147	12 x M16	410	24 mm	100 - 140 Nm
800	810 - 845	10908173	200	372	1031	156	12 x M16	410	24 mm	100 - 140 Nm
850	829 - 870	10908175	200	367	1060	166	12 x M16	410	24 mm	100 - 140 Nm
900	905 - 946	10908178	250	423	1157	228	14 x M20	485	30 mm	160 - 200 Nm
900	934 - 975	10908183	250	421	1184	234	14 x M20	485	30 mm	160 - 200 Nm
1000	1034 - 1075	10908189	250	421	1241	257	14 x M20	485	30 mm	160 - 200 Nm
1200	1219 - 1260	10908191	250	421	1469	315	16 x M20	485	30 mm	160 - 200 Nm

Table of tolerances and pipes on next page



Fucoli-Somepal
FUNDIÇÃO DE FERRO, S.A.

Visit our website at www.fucoli-somepal.pt

Head office: Estrada de Coselhas, 3000-125 Coimbra – Portugal | Tel.: (+351) 239 490100

Branch office: Rua de Aveiro 50, 3050-420 Pampilhosa – Portugal | Tel.: (+351) 239 490100 | comercial@fucoli-somepal.pt



100% MADE IN EUROPE



TABLE OF TOLERANCES AND PIPES

Tolerances	code	Pipes									
		PVC	Ductile iron		Steel	Asbestos cement					
D min. - max. mm - mm		ø ext. pipe mm	DN	ø ext. pipe mm	ø ext. pipe mm	DN	Class 6	Class 12	Class 18	Class 24	Class 30
25 - 55	10908000	25 32 50	-	-	42.4 48.3	-	-	-	-	-	-
39 - 69	10908010	50 63	40 50	56 66	42.4 48.3 60.3	50	66	66	66	66	66
46 - 76	10908020	63 75	40 50	56 66	48.3 60.3	50 60	66 76	66 76	66 76	66 76	66 -
48 - 78	10908021	63 75	40 50 60	56 66 77	48.3 60.3 76.1	50 60	66 76	66 76	66 76	66 76	66 78
57 - 87	10908030	63 75	50 60 65	66 77 82	60.3 76.1	50 60	66 76	66 76	66 76	66 76	66 78
63 - 93	10908031	63 75 90	50 60 65	66 77 82	76.1 88.9	50 60	66 76	66 76	66 76	66 76	66 78
78 - 108	10908040	90	65 80	82 98	88.9 101.6	60 80	- 96	- 96	- 96	- 98	78 104
87 - 117	10908050	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100 - 130	10908055	110 125	100	118	101.6 114.3	80 100	- 116	- 116	- 118	- 122	104 128
108 - 138	10908057	110 125	100	118	114.3	100	116	116	118	122	128
117 - 147	10908060	125 140	100 125	118 144	139.7	100 125	- 141	- 141	118 145	122 -	128 -
129 - 159	10908070	140	125	144	139.7	125	141	141	145	151	157
138 - 168	10908080	140 160	125	144	139.7	125 150	141 168	141 168	145 -	151 -	157 -
152 - 182	10908090	160 180	150	170	168.3 177.8	125 150	168 -	168 -	174 -	180 -	157 -
159 - 189	10908091	160 180	150	170	168.3 177.8	150	168	168	174	180	188
172 - 202	10908095	180 200	-	-	177.8 193.7	150	-	-	174	180	188
186 - 216	10908100	200	-	-	193.7	150	-	-	-	-	188
198 - 228	10908110	200 225	200	222	219.1	200	220	222	228	-	-
218 - 253	10908120	225 250	200	222	219.1 244.5	200	220	222	228	238	250
245 - 280	10908130	250 280	250	274	273	200 250	272 -	276 -	- -	- -	250 -
266 - 301	10908140	280	250	274	273	250	272	276	282	294	-
297 - 332	10908143	315	300	326	323.9	250 300	- 324	- 330	- -	- -	306 -
314 - 349	10908150	315	300	326	323.9	300	324	330	338	-	-
343 - 378	10908151	355	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
375 - 410	10908152	400	350	378	406.4	350	376	384	396	410	-
396 - 431	10908153	400	400	429	406.4	350 400	- 428	- -	- -	- -	426 -
420 - 455	10908154	-	400	429	-	400	-	438	452	-	-
449 - 484	10908163	-	450	480	457.0	400 450	- 482	438 -	- -	470 -	488 -
457 - 492	10908155	-	450	480	457.0	400 450	- 482	438 492	- -	470 -	488 -
497 - 532	10908156	500	500	532	508	450	-	-	512	532	-
501 - 540	10908165	-	500	532	508	500	536	-	-	-	-
525 - 560	10908149	560	500	532	559	450 500	- 536	- 548	- -	- -	548 -
533 - 568	10908157	560	-	-	559	500	536	548	568	-	-
575 - 610	10908158	-	-	-	610	500	-	-	-	590	608
625 - 660	10908159	630	600	635	660	600	644	660	-	-	-
660 - 695	10908160	-	-	-	660	600	-	-	674	694	-
710 - 745	10908166	710	700	738	711.0	600	-	-	-	-	714
724 - 765	10908168	-	700	738	762.0	700	754	-	-	-	-
810 - 845	10908173	-	800	842	813.0	700	-	-	-	-	828
829 - 870	10908175	-	800	842	864.0	800	852	-	-	-	-
905 - 946	10908178	-	900	945	-	800	-	-	-	-	946
934 - 975	10908183	-	900	945	-	800 900	- 960	- -	- -	- -	946 -
1034 - 1075	10908189	-	1000	1048	1067.0	900 1000	- -	- -	- -	1050 1066	- -
1219 - 1260	10908191	-	1200	1255	1219.0	-	-	-	-	-	-

