



**Pressurised piping and fittings
for gas and water supplies**



Quality systemes for secure supply

ecofit® bend with push-in sockets

Adapter fittings made of ductile cast iron (EN-GJS) to EN 545 standard.
 Epoxy-resin coating (min. 250 µm) to DIN 3476 standard
 Single-chamber socket
 Pipes and adapter fittings – DN 400-600 with standard supporting collar – are delivered with Tyton seal but without thrust-resisting ring.



Fig. 2820a.90

90°-bend, 2 sockets (MMQ)

DN	t mm	weight kg	item-no.	suissetec
80	100	8.0	325011	231.318
100	125	10.2	325012	231.319
125	150	14.5	325013	231.321
150	175	19.1	325014	231.322
200	225	30.5	325015	231.323
250	280	45.7	325016	231.324
300	330	63.7	325017	231.325
350	410	140.0	325022	231.326
400	420	128.0	325018	231.327
500	520	230.0	325019	-
600	620	330.0	325020	-
700	720	486.2	325021	-



45°-bend, 2 sockets (MMK 45)

DN	t mm	weight kg	item-no.	suissetec
80	55	7.1	325036	231.358
100	65	8.8	325037	231.359
125	75	12.3	325038	231.361
150	85	15.9	325039	231.362
200	110	24.6	325040	231.363
250	130	35.7	325041	231.364
300	155	48.7	325042	231.365
350	175	64.9	325047	231.366
400	195	105.0	325043	231.367
500	240	139.0	325044	-
600	285	202.0	325045	-
700	330	296.0	325046	-



Fig. 2822a.45

30°-bend, 2 sockets (MMK 30)

Fig. 2823a.30

DN	t mm	weight kg	item-no.	suissetec
80	45	6.8	325062	231.378
100	50	8.3	325063	231.379
125	55	11.6	325064	231.381
150	65	14.8	325065	231.382
200	80	22.0	325066	231.383
250	95	32.0	325067	231.384
300	110	43.2	325068	231.385
350	125	54.5	325073	231.386
400	150	98.0	325069	231.387
500	185	125.0	325070	-
600	200	182.0	325071	-
700	230	254.0	325072	-



22°-bend, 2 sockets (MMK 22)

Fig. 2824a.22

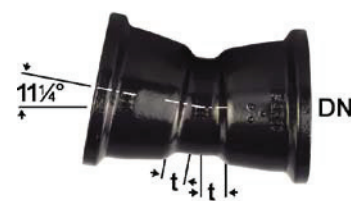
DN	t mm	weight kg	item-no.	suissetec
80	40	6.7	325088	231.418
100	45	8.1	325089	231.419
125	50	11.2	325090	231.421
150	55	14.2	325091	231.422
200	65	21.0	325092	231.423
250	75	30.7	325093	231.424
300	90	40.4	325094	231.425
350	100	50.7	325099	231.426
400	110	78.0	325095	231.427
500	130	111.0	325096	-
600	150	157.0	325097	-
700	180	232.0	325098	-



11°-bend, 2 sockets (MMK 11)

Fig. 2825a.11

DN	t mm	weight kg	item-no.	suissetec
80	30	6.5	325114	231.438
100	35	7.8	325115	231.439
125	35	10.6	325116	231.441
150	40	13.4	325117	231.442
200	45	24.9	325118	231.443
250	50	34.2	325119	231.444
300	60	43.0	325120	231.445
350	65	44.9	325125	231.446
400	65	72.0	325121	231.447
500	75	96.0	325122	-
600	85	134.0	325123	-
700	110	200.0	325124	-



5°-bend, 2 sockets (MMK 5)

Fig. 2826a.5

DN	t mm	weight kg	item-no.	suissetec
100	30	13.3	325139	231.459
125	35	17.4	325140	231.461
150	35	24.5	325141	231.462
200	40	34.7	325142	231.463
250	50	53.9	325143	231.464
300	55	69.3	325144	231.465



Tee-connector with 3 sockets (MMB)

Fig. 2856

DN ₁	DN ₂	L mm	h mm	weight kg	item-no.	suissetec
80	80	170	85	11.4	325145	232.418
100	80	170	95	13.1	325149	232.519
100	100	190	95	14.1	325150	232.419
125	80	170	105	16.5	325146	232.521
125	100	195	110	17.8	325151	232.541
125	125	225	110	19.9	325152	232.421
150	80	170	120	19.9	325245	232.522
150	100	195	120	20.9	325153	232.542
150	125	255	125	29.0	325154	232.562
150	150	255	125	25.2	325155	232.422
200	80	175	145	27.2	325246	232.523
200	100	200	145	28.6	325156	232.543
200	125	255	145	31.4	325147	232.563
200	150	255	150	33.4	325157	232.583
200	200	315	155	38.2	325158	232.423
250	100	200	170	37.9	325247	232.544
250	125	200	175	39.9	355265	232.564
250	150	260	175	43.6	325148	232.584
250	200	315	180	49.3	325249	232.624
250	250	375	190	56.0	325159	232.424
300	100	205	195	47.7	325250	232.545
300	125	205	200	48.7	355266	232.565
300	150	260	200	54.3	325251	232.585
300	200	320	205	61.0	325160	232.625
300	250	430	210	80.0	325252	232.645
300	300	435	220	75.0	325161	232.425
400	150	270	270	100.0	325253	232.587
400	200	325	270	110.0	325162	232.627
400	300	440	290	130.0	325163	232.667
400	400	560	280	160.0	325164	232.427
500	100	215	295	108.4	325255	-
500	150	350	345	151.0	325404	-
500	200	425	350	166.0	325165	-
500	250	390	315	185.0	325256	-
500	300	580	350	201.0	325166	-
500	400	565	335	199.2	325257	-
500	500	680	340	244.0	325167	-
600	200	340	355	201.0	325168	-
600	300	460	365	215.0	325259	-
600	400	570	390	250.4	325169	-
600	600	800	400	355.0	325171	-
700	200	345	400	270.6	325260	-
700	400	575	430	345.2	355262	-
700	600	925	430	468.4	325264	-



Tee-connector with 2 sockets and a flanged branch (MMA)

Fig. 2857

DN ₁	DN ₂	PN bar	L mm	h mm	weight kg	item-no.	suissetec
80	80	10,16,25,40	170	165	12.8	325177	233.418
100	80	10,16,25,40	170	175	14.5	325178	233.519
100	100	10,16	190	180	15.8	325174	233.419
125	80	10,16,25,40	170	190	17.9	325290	233.521
125	100	10,16	195	195	19.3	325175	233.541
125	125	10,16	225	200	21.6	325176	233.421
150	80	10,16,25,40	170	205	21.3	325179	233.522
150	100	10,16	195	210	22.7	325180	233.542
150	125	10,16	255	220	30.0	325181	233.562
150	150	10,16	255	250	27.4	325182	233.422
200	80	10,16,25,40	175	235	28.6	325183	233.523
200	100	10,16	200	240	30.4	325184	233.543
200	125	10,16	255	250	32.0	325291	233.563
200	150	10,16	255	250	36.1	325185	233.583
200	200	10	315	260	42.2	325186	233.423
200	200	16	315	260	41.7	325187	-
250	100	10,16	200	270	39.7	325188	233.544
250	150	10,16	260	280	46.3	325189	233.584
250	200	10	315	290	42.9	325292	233.624
250	200	16	315	290	42.9	325380	-
250	250	10	375	300	61.0	325190	233.424
250	250	16	375	300	60.5	325191	-
300	100	10,16	205	300	50.0	325192	233.545
300	150	10,16	260	310	57.0	325193	233.585
300	200	10	320	320	65.0	325293	233.625
300	200	16	320	320	65.0	325381	-
300	250	10	430	330	74.5	325294	233.645
300	250	16	430	330	74.5	325382	-
300	300	10	435	340	83.6	325194	233.425
300	300	16	435	340	83.1	325195	-
350	100	10,16	205	330	59.3	325305	233.546
350	200	10	325	350	77.2	325306	233.626
350	200	16	325	350	77.0	325307	-
350	300	10	495	370	110.0	325308	233.666
350	300	16	495	370	110.0	325309	-
400	100	10,16	210	360	72.0	325402	233.547
400	150	10,16	270	370	81.4	325196	233.587
400	200	10	325	380	91.1	325197	233.627
400	200	16	325	380	90.6	325198	-
400	300	10	440	400	113.5	325295	233.667
400	300	16	440	400	113.5	325383	-
400	400	10	560	420	135.6	325199	233.427
400	400	16	560	420	140.6	325200	-
500	100	10,16	215	420	116.0	325201	-
500	150	10,16	275	430	141.0	325404	-
500	200	10	330	440	142.0	325202	-
500	200	16	330	440	141.0	325203	-
500	300	10	450	460	188.2	325297	-
500	300	16	450	460	182.0	325384	-
500	400	10	565	480	199.0	325204	-



Subject to alteration without notice

Tee-connector with 2 sockets and a flanged branch (MMA)

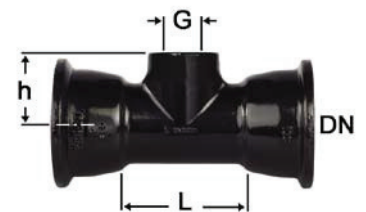
Fig. 2857

DN ₁	DN ₂	PN bar	L mm	h mm	weight kg	item-no.	suissetec
500	400	16	565	480	205.0	325205	-
500	500	10	680	500	232.0	325206	-
500	500	16	680	500	247.0	325207	-
600	100	10,16	220	480	171.0	325208	-
600	150	10,16	280	490	187.0	325405	-
600	200	10	340	500	189.0	325209	-
600	200	16	340	500	189.0	325210	-
600	250	10	395	510	221.0	325406	-
600	250	16	395	510	220.0	325412	-
600	300	10	455	520	240.0	325298	-
600	300	16	455	520	239.0	325413	-
600	400	10	570	540	258.0	325211	-
600	400	16	570	540	263.0	325212	-
600	500	10	685	560	316.0	325299	-
600	500	16	685	560	331.0	325414	-
600	600	10	800	580	340.0	325213	-
600	600	16	800	580	366.0	325214	-
700	200	10	345	525	225.0	325215	-
700	200	16	345	525	366.0	325216	-
700	400	10	575	555	286.0	325301	-
700	400	16	575	555	292.7	325385	-
700	600	10	925	585	457.0	325302	-
700	600	16	925	585	481.0	325386	-
700	700	10	925	600	381.0	325219	-
700	700	16	925	600	396.0	325220	-

Tee-connector with 2 sockets and a screw branch

Fig. 2858

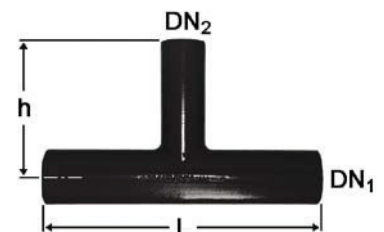
DN	G	L mm	h mm	weight kg	item-no.	suissetec
100	2"	161	100	15.3	325370	234.819
125	2"	180	120	20.0	325371	234.821
150	2"	224	130	26.0	325372	234.822
200	2"	215	160	34.0	325373	234.823



Spigot Tee-connector (IT)

Fig. 2859

DN ₁	DN ₂	L mm	h mm	weight kg	item-no.	suissetec
80	80	540	270	6.5	155324	234.418
100	100	550	275	14.1	155325	234.419
150	100	620	320	23.4	155326	234.542
150	150	620	320	24.3	155327	234.422
200	200	650	325	35.1	155323	234.423



Subject to alteration without notice

Adapter fittings with push-in joints

Pressure pipes and adapter fittings

ecofit® add-in adapter, flange adapter (with push-in joint)

Adapter fittings made of ductile cast iron (EN-GJS) to EN 545 standard.

Thick epoxy-resin coating (min. 250 µm) to DIN 3476 standard

Single-chamber sockets

Pipes and adapter fittings – DN 400-600 with standard supporting collar – are delivered with Tyton seal but without thrust-resisting ring.



Fig. 2870

Collars (U)

DN	PN	L mm	weight kg	item-no.	suissetec
80	16	160	8.9	461050	-
100	16	160	10.8	461051	-
125	16	165	13.6	461052	-
150	16	165	16.7	461053	-
200	16	170	23.0	461054	-
250	16	175	31.5	461055	-
300	16	180	40.5	461056	-



Flange – socket adapter, adjustable (EU)

DN	PN bar	L mm	z mm	weight kg	item-no.	suissetec
80	10,16,25,40	130	86 ± 40	7.5	325225	235.818
100	10,16	130	87 ± 40	9.1	325226	235.819
125	10,16	135	91 ± 40	11.4	325227	235.821
150	10,16	135	92 ± 40	15.3	325228	235.822
200	10	140	97 ± 40	19.8	325229	235.823
200	16	140	97 ± 40	19.8	325230	235.843
250	10	145	102 ± 40	29.2	325231	235.824
250	16	145	102 ± 40	29.2	325232	235.844
300	10	150	107 ± 40	36.5	325233	235.825
300	16	150	107 ± 40	36.0	325234	235.845
350	10	155	112 ± 40	43.0	325243	235.826
350	16	155	112 ± 40	46.0	325244	235.846
700	10	190	147 ± 40	142.1	325241	-
700	16	190	147 ± 40	142.1	325242	-

Fig. 2877b



Flange – socket adapter (EU)

DN	PN bar	L mm	weight kg	item-no.	suissetec
400	10	160	52.1	325235	235.827
400	16	160	57.1	325236	235.847
500	10	170	76.6	325237	-
500	16	170	76.6	325238	-
600	10	180	106.2	325239	-
600	16	180	106.2	325240	-

Fig. 2888



Subject to alteration without notice

Thrust-resisting ring Tyton-Sit for water (internal)

Fig. 2504-1

DN	PN* bar	weight kg	item-no.	suissetec
80	16	0.2	451999	238.618
100	16	0.2	452100	238.619
125	16	0.3	452101	238.621
150	16	0.3	452102	238.622
200	16	0.5	452103	238.623
250	16	0.6	452104	238.624
300	16	1.0	452105	238.625
400	16	1.6	452107	238.625



* 10 bar for ecopur® pipes
Tyton-Sit PLUS on request

Thrust-resisting ring (internal)

Fig. 2807

DN	PN bar	weight kg	item-no.	suissetec
80	25	0.2	455440	238.518
100	25	0.3	455441	238.519
125	25	0.3	455442	238.521
150	25	0.4	455443	238.522
200	25	0.6	455444	238.523
250	16	0.7	455445	238.524
300	16	0.8	455446	238.525



Internal thrust-resisting ring for double-chamber socket connections.

System pressures: see "Permissible pressures for thrust-resisting rings" page 6/4.4.

Tyton seal for water

Fig. 2810

DN	weight kg	item-no.	suissetec
80	0.1	454976	238.118
100	0.1	454963	238.119
125	0.2	454964	238.121
150	0.2	454965	238.122
200	0.3	454966	238.123
250	0.5	454967	238.124
300	0.6	454968	238.125
350	0.8	454969	238.126
400	1.0	454970	238.127
500	1.6	451014	-
600	2.2	451015	-
700	3.1	451017	-



Rubber sealing ring for push-in joints for water, fulfils EN 681-1.

Tyton seal for gas

Fig. 2811

DN	weight kg	item-no.	suissetec
80	0.1	454152	238.138
100	0.1	454153	238.139
125	0.2	454154	238.141
150	0.2	454155	238.142
200	0.3	454156	238.143
250	0.5	454157	238.144
300	0.6	454158	238.145



Rubber sealing ring for push-in joints for gas, fulfils EN 682.