



PRODUCT CATALOGUE

THE COMPLETE RANGE OF
FITTINGS FOR POLYETHYLENE
PIPING SYSTEMS.

plasson.com.au

GLOBAL PRESENCE - LOCAL COMMITMENTS

PLASSON's innovative products revolutionised the way of connecting polyethylene pipes in the 1960's. We started with fittings for agricultural irrigation and later developed solutions for urban water distribution.

Nowadays, water delivery systems in many of the world's great cities owe their excellence to PLASSON's innovative research and development.

PLASSON ensures superior designs and products, the widest range of fittings and adaptors and a genuine commitment to quality, delivery and service.

PLASSON continues to strive for the future environment. By using PLASSON products, you help us to invest in our vision of a world where clean, pure water will be everyone's birthright.



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A large industrial electrofusion machine is shown in a workshop setting. The machine features a large, rotating drum with a ribbed surface, mounted on a sturdy metal frame. Several bright orange lifting straps are attached to the machine, with the brand name 'PLASSON' visible on them. The machine is positioned on a concrete floor, and a wooden pallet is visible in the background. The overall scene suggests a heavy-duty industrial environment.

 **PLASSON**

ELECTROFUSION FITTINGS

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Coupler



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15° LightFit Elbow



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Saddle Female Threaded Outlet



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Double Repair Saddle



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Transition Saddle



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Large Bore Transition Saddle



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Sensor Saddle with a Stainless Steel Thread



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Large Bore Branch Saddle



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XL & XXL Branch Saddle



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LightFit Branch Saddle



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High Volume
Tapping Tee (HVTT)



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Hex Key



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Tapping Saddle



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Welding Cap for
Tapping Saddle



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Tapping Valve



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Male Transition
Coupler



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Female Transition
Coupler



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Male Transition
Coupler SS 316



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Male Transition Union
(Free Nut)



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PE Male Spigot
Adaptor



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PE Female Spigot
Adaptor



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Male Transition
90° Elbow



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Female Transition
90° Elbow



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Male Transition
45° Elbow



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Female Transition
45° Elbow



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Female Free Nut
Transition Coupler



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Female Free Nut
Transition 90° Elbow



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Female Free Nut
Transition 45° Elbow



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PE Male Transition
Coupler



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PE Cast Iron Flange
Transition Coupler



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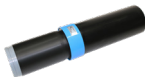
PE-Steel Weldable
Transitions



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PE-Steel Weldable
Transitions



4758

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Wastewater Adjustable
Saddle



4758

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Wastewater 45° Saddle -
Inlet 110



4758

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Wastewater Saddle
Spigot Inlet



3702/4772

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Wastewater Manhole
Adaptor



Plasson Control Box Suitability



DN	SmartFuse 180	SmartFuse 355	Polymatic Plus USB	PolyMax	Poly Control Plus V2
16-180	✓	✓	✓	✓	✓
200-355	x	✓	✓	✓	✓
400-800	x	x	✓ *	✓ Δ	✓
800-1200	x	x	x	✓ Δ	✓

*Sizes above 355mm require cool down time between welds. Δ Sizes above 630mm require cool down time between welds.

Standard dimension ratios (SDRs) for series 1 PE pipes and equivalent pressure rating in Bar

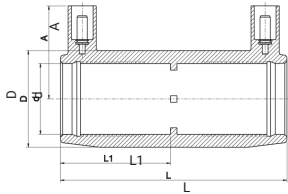
Compound	PN3.2	PN4	PN6.3	PN8	PN10	PN12.5	PN16	PN20	PN25
PE80	41	33	21	17	13.6	11	9	7.4	-
PE100	-	41	26	21	17	13.6	11	9	7.4

Coupler

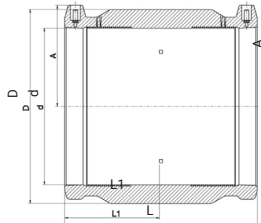
4901



20mm up to 75mm



90mm up to 355mm



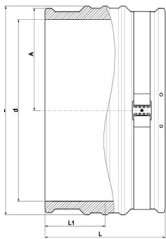
Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	SDR Pipe Suitability
4901001	16	71	34	35	39	480	58	16	11	7.4-11
4901002	20	76	37	31	34	440	50	16	11	7.4-11
4901003	25	82	40	36	37	360	40	16	11	7.4-11
4901004	32	88	42	44	42	256	64	16	11	7.4-11
4901005	40	97	47	56	46	200	97	16	11	7.4-17
4901006	50	101	49	67	51	132	161	16	11	7.4-17
4901007	63	118	58	82	56	72	230	16	11	7.4-17
4901008	75	127	62	98	62	60	340	16	11	7.4-17
4901009	90	148	73	112	71	38	475	16	11	7.4-17
4901010	110	163	80	135	81	23	718	16	11	7.4-17
4901011	125	173	85	157	87	18	1075	16	11	7.4-17
4901012	140	183	90	174	97	12	1295	16	11	7.4-17
4901013	160	195	93	194	105	6	1555	16	11	7.4-21
4901014	180	212	105	218	116	5	2112	16	11	7.4-17
4901015	200	223	109	242	126	4	2785	16	11	7.4-17
4901016	225	240	119	272	138	4	3900	16	11	7.4-17
4901017	250	251	123	301	156	2	4461	16	11	7.4-21
4901018	280	275	134	342	170	1	6440	16	11	7.4-17
4901019	315	282	139	387	184	1	8845	16	11	7.4-26
4901020	355	277	137	431	203	1	10200	16	11	7.4-17
4901021	400	293	145	485	231	1	13800	16	11	7.4-26

Coupler Cont.

4901



400mm up to 1000mm

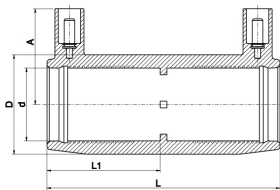


Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4901022	450	306	153	539	257	1	16000	16	11	7.4-21
4901023	500	340	170	603	283	1	20200	16	11	7.4-21
4901024	560	376	188	674	317	1	28000	16	11	11-33
4901025	630	418	209	759	356	1	41100	16	11	7.4-33
4901026	710	472	236	853	400	1	62000	16	11	7.4-26
4901027	800	500	250	955	450	1	87000	16	11	7.4-21
4901034	900	500	250	1070	503	1	100100	16	11	11-21
4901035	1000	570	285	1194	563	1	100000	16	11	11-21

450mm - 1000mm have dual weld zones.

Long Coupler

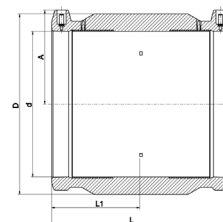
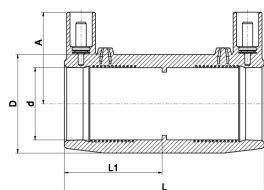
4901



Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4901028	32	104	50	44	43	272	80	16	11	7.4-11
4901029	40	121	59	56	46	128	140	16	11	7.4-11
4901030	50	139	68	68	51	96	220	16	11	7.4-11
4901031	63	166	81	82	57	48	320	16	11	7.4-11

Coupler (Thick Wall)

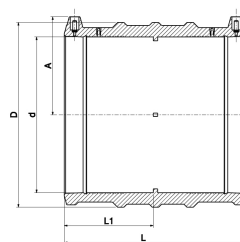
4501



Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4501001	50	100	49	68	52	132	151	25	7.4	7.4-11
4501002	63	118	57	82	58	72	233	25	7.4	7.4-11
4501003	75	126	62	97	65	60	339	25	7.4	7.4-11
4501004	90	148	73	117	69	38	571	25	7.4	7.4-11
4501005	110	163	80	140	79	23	860	25	7.4	7.4-11
4501006	125	173	85	157	87	18	1087	25	7.4	7.4-11
4501016	140	181	89	175	103	12	1320	25	7.4	7.4-11
4501007	160	198	97	198	105	6	1780	25	7.4	7.4-11
4501008	180	212	104	224	114	4	2449	25	7.4	7.4-11
4501009	200	223	110	249	126	4	3295	25	7.4	7.4-11
4501010	225	240	118	280	140	4	4460	25	7.4	7.4-11
4501011	250	256	127	310	155	2	5610	25	7.4	7.4-11
4501012	280	274	135	341	166	1	6470	25	7.4	7.4-11
4501013	315	284	140	381	184	1	8884	25	7.4	7.4-11
4501015	355	280	138	430	204	1	10438	25	7.4	7.4-11
4501014	400	324	162	502	231	1	22000	20	9	7.4-11

LightFit Coupler (PN10)

4601



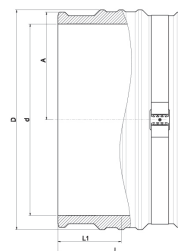
Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4601001	40	90	43	56	47	200	100	10	17	7.4-17
4601002	50	100	49	68	52	132	149	10	17	7.4-17
4601003	63	118	57	77	57	112	160	10	17	11-26
4601004	75	126	61	90	63	60	216	10	17	11-26
4601005	90	148	72	108	69	44	360	10	17	11-26
4601006	110	163	80	131	81	25	570	10	17	11-33
4601007	125	173	85	149	87	20	760	10	17	11-33
4601008	140	182	89	167	94	12	970	10	17	11-33
4601009	160	198	97	193	104	6	1390	10	17	11-33
4601010	180	212	104	215	114	5	1735	10	17	11-33
4601011	200	232	114	235	127	4	2110	10	17	11-33
4601012	225	240	118	264	141	4	2825	10	17	11-33
4601013	250	256	126	293	155	2	3728	10	17	11-33
4601014	280	275	135	332	166	1	5380	10	17	11-33
4601015	315	284	140	374	184	1	7100	10	17	11-33
4601016	355	280	138	421	204	1	8823	10	17	11-41
4601017	400	296	146	474	227	1	12000	10	17	11-41

LightFit Coupler Cont. (PN10)

4601



450mm up to 1200mm

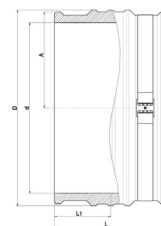


Product Code	Size d	L	L1	D	A	Carton	W	PN Water	Pipe SDR Suitability
4601018	450	310	155	518	255	1	11700	10	11-41
4601019	500	340	170	576	283	1	16000	10	11-33
4601020	560	376	188	625	309	1	21510	10	11-41
4601021	630	400	200	706	347	1	27000	10	11-33
4601022	710	440	220	797	390	1	43100	10	11-33
4601023	800	470	235	897	440	1	57300	10	11-41
4601024	900	500	250	1010	500	1	68400	10	11-41
4601026	1000	540	270	1128	555	1	99260	10	11-33
4601025	1200	600	300	1355	667	1	150000	10	11-33

450mm - 1200mm have dual weld zones.

Super LightFit Coupler

4601



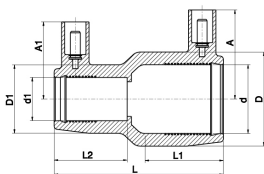
Product Code	Size d	L	L1	D	A	Carton	W	PN Water*	SDR Gas	Pipe SDR Suitability
4601101	500	300	150	550	272	1	11800	6.4	26	26-41
4601102	560	310	155	620	310	1	15300	6.4	26	17-41
4601103	630	320	160	693	346	1	18200	6.4	26	26-33
4601105	710	380	190	775	388	1	25800	6.4	26	17-41
4601104	800	400	200	876	438	1	34700	6.4	26	26-41
4601107	900	420	210	983	485	1	40500	6.4	26	17-41
4601106	1000	440	220	1085	534	1	48000	6.4	26	17-41

*Nominated rating. Not certified to AS/NZS 4129.

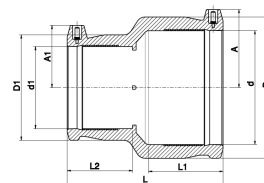
Reducing Coupler



20 x 16mm up to 110 x 90mm

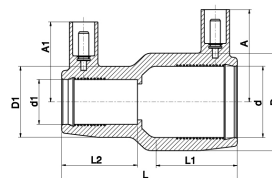


125 x 90mm up to 180 x 125mm



Product Code	Size d x d1	L	A	A1	L1	L2	D	D1	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4911001	20 x 16	71	39	39	35	35	36	36	480	54	16	11	7.4-11
4911058	25 x 16	71	39	39	35	35	36	36	480	49	16	11	7.4-11
4911002	25 x 20	71	39	39	35	35	36	36	480	46	16	11	7.4-11
4911059	32 x 16	81	42	34	39	35	44	32	360	58	16	11	7.4-11
4911004	32 x 20	81	43	37	40	35	45	32	360	59	16	11	7.4-11
4911005	32 x 25	81	43	39	40	35	45	36	360	56	16	11	7.4-11
4911060	40 x 20	90	44	38	44	40	56	36	360	58	16	11	7.4-11
4911006	40 x 25	90	47	38	44	40	56	37	200	86	16	11	7.4-11
4911007	40 x 32	90	47	43	44	40	56	44	160	92	16	11	7.4-11
4911008	50 x 25	100	52	41	49	41	68	37	160	118	16	11	7.4-11
4911009	50 x 32	100	52	45	49	40	68	45	128	123	16	11	11-17
4911010	50 x 40	100	52	48	49	44	68	56	128	135	16	11	7.4-17
4911012	63 x 32	119	59	45	57	40	82	45	96	180	16	11	7.4-17
4911013	63 x 40	119	59	49	57	44	82	56	96	192	16	11	7.4-17
4911014	63 x 50	119	59	54	57	49	82	68	80	224	16	11	7.4-17
4911016	75 x 63	126	66	59	66	57	98	82	65	314	16	11	7.4-17
4911017	90 x 50	143	78	53	71	49	116	69	54	430	16	11	7.4-13.6
4911018	90 x 63	143	78	61	71	57	116	82	44	460	16	11	7.4-13.6
4911019	90 x 75	143	78	67	71	61	116	98	41	480	16	11	7.4-17
4911020	110 x 63	161	84	61	78	57	139	82	32	639	16	11	7.4-17
4911021	110 x 90	161	84	74	78	72	139	116	23	740	16	11	7.4-17
4911022	125 x 90	171	88	70	85	72	158	116	18	1019	16	11	7.4-17
4911023	125 x 110	171	88	80	85	78	158	141	18	1025	16	11	7.4-17
4911024	160 x 90	193	105	69	94	72	199	116	12	1440	16	11	7.4-17
4911025	160 x 110	193	105	80	94	81	199	141	12	1520	16	11	7.4-17
4911026	160 x 125	195	105	89	94	85	199	158	6	1570	16	11	7.4-17
4911027	180 x 125	212	116	87	103	85	222	158	6	2060	16	11	7.4-17

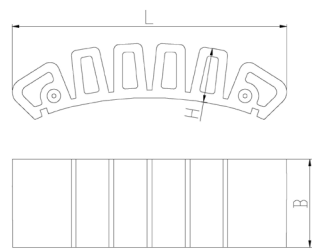
Reducing Coupler - Metric to Imperial



Product Code	Size d x d1 (IPS)	L	A	A1	L1	L2	D	D1	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4911003	25 x 3/4"	71	39	39	35	35	36	36	480	46	16	11	11-11
4911011	50 x 1/2"	100	52	48	49	44	68	56	128	135	16	11	7.4-11
4911015	63 x 2"	119	59	54	57	49	82	68	80	224	16	11	11-11

Flex Restraint

4900

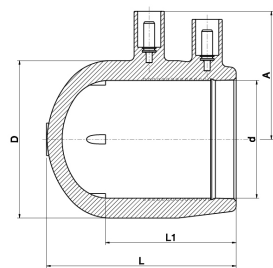


Product Code	Size	L	H	B	Carton	W
4900001	160-1600	202	40	65	60	300

Dedicated tools in tooling section.
Each unit restrains 31,000N (3,100kg) of axial force. Use multiple units to restrain higher forces.
Welding with barcode unit only.
Requires temperature compensation.

Monolithic End Cap

4912



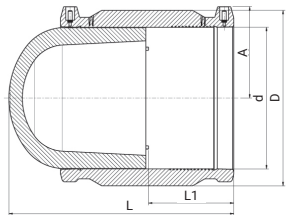
Product Code	Size d	L	L1	D	A	Carton	W	PN Water	Pipe SDR Suitability
4912003	32	63	44	44	46	432	50	16	7.4-11
4912004	40	70	48	55	51	256	75	16	7.4-11
4912005	50	82	55	68	56	192	122	16	7.4-11
4912006	63	95	62	81	62	96	182	16	7.4-11

End Cap

4912



20mm up to 75mm

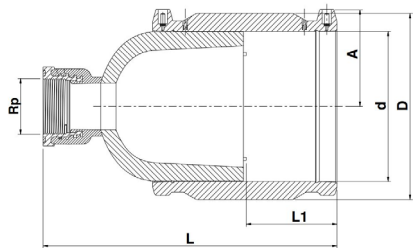


90mm up to 315mm

Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4912001	20	84	37	31	34	400	55	16	11	7.4-11
4912002	25	92	40	36	37	400	50	16	11	7.4-11
4912035	32	103	42	44	42	300	76	16	11	7.4-11
4912036	40	114	47	56	46	160	130	16	11	7.4-17
4912037	50	121	49	67	51	120	204	16	11	7.4-17
4912038	63	142	57	82	57	72	327	16	11	7.4-17
4912007	75	156	61	98	64	48	499	16	11	7.4-17
4912008	90	183	73	117	70	30	820	16	11	7.4-17
4912009	110	206	78	140	81	20	1259	16	11	7.4-17
4912010	125	222	85	157	87	15	1702	16	11	7.4-17
4912011	140	237	90	174	97	10	2346	16	11	7.4-17
4912012	160	261	93	194	105	6	2990	16	11	7.4-21
4912013	180	283	105	218	116	5	4159	16	11	7.4-17
4912014	200	289	109	242	126	4	5260	16	11	7.4-17
4912015	225	318	119	272	138	2	7260	16	11	7.4-17
4912016	250	344	123	311	156	2	8380	16	11	7.4-21
4912039	280	396	134	340	170	1	11740	16	11	7.4-17
4912040	315	405	139	387	184	2	16050	16	11	7.4-26

Test End Cap

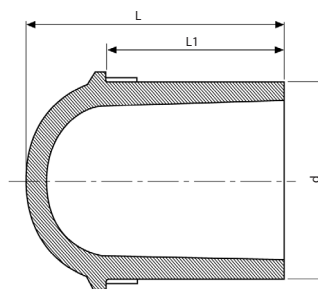
4912



Product Code	Size d x Rp	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4931300	90 X 2"	250	73	117	70	20	1450	16	11	7.4--17
4931301	110 X 2"	273	78	140	81	14	1889	16	11	7.4--17
4931302	125 X 2"	289	85	157	87	12	2332	16	11	7.4--17
4931303	140 X 2"	304	90	174	97	8	2976	16	11	7.4--17
4931304	160 X 2"	328	93	194	105	8	3620	16	11	7.4--21
4931305	180 X 2"	358	105	218	116	4	4789	16	11	7.4--17
4931306	200 X 2"	356	109	242	126	4	5890	16	11	7.4--17
4931307	225 X 2"	385	119	272	138	2	7890	16	11	7.4--17
4931308	250 X 2"	411	123	311	156	1	9010	16	11	7.4--21
4931309	280 X 2"	463	134	340	170	1	12370	16	11	7.4--17
4931310	315 X 2"	472	139	387	184	1	16680	16	11	7.4--26

End Plug

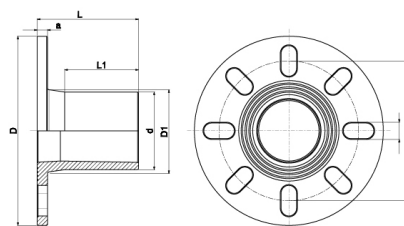
4912



Product Code	Size d	L	L1	Carton	W	PN Water	SDR Gas
4912017	20	43	35	2000	8	16	11
4912018	25	46	36	1600	10	16	11
4912019	32	52	39	960	17	16	11
4912020	40	59	43	560	29	16	11
4912021	50	68	48	352	52	16	11
4912022	63	81	57	192	95	16	11
4912023	75	90	60	132	149	16	11
4912024	90	105	70	72	250	16	11
4912025	110	121	78	57	430	16	11
4912026	125	131	82	36	596	16	11
4912027	140	142	87	25	797	16	11
4912028	160	157	94	18	1149	16	11
4912029	180	172	101	14	1600	16	11
4912030	200	178	112	10	2089	16	11
4912031	225	196	120	6	2800	16	11
4912032	250	216	130	4	3920	16	11
8196002	280	239	151	6	4995	16	11
8196003	315	256	158	2	6890	16	11

Hydrant Flange comes with AS4087 PN16 SS316 backing ring

4902

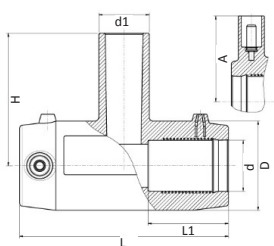


Product Code	Size d	Flange	D	L	L1	a	W	PN Water	SDR Gas
4902004*	90	Dual 3" and 4"	220	118	86	12	330	16	11
4902007	90	3"	220	118	86	12	220	16	11

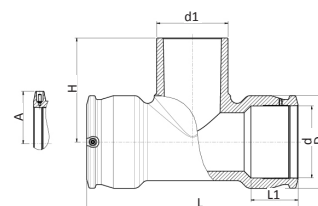
*Suits 80 to 100mm fire hydrant mountings - max ID of mating flange 80mm.

90° Equal Tee

4904



20mm up to 75mm

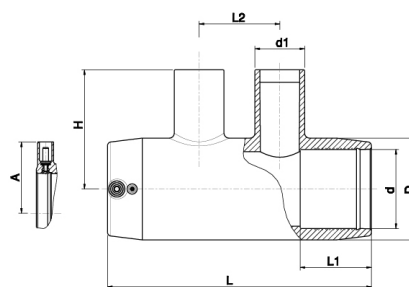


90mm up to 250mm

Product Code	Size d x d1 x d	L	L1	D	H	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4904001	20 x 20 x 20	96	37	33	60	39	260	61	16	11	7.4-11
4904002	25 x 25 x 25	103	39	44	66	43	168	110	16	11	7.4-11
4904003	32 x 32 x 32	104	39	44	74	43	144	97	16	11	7.4-11
4904004	40 x 40 x 40	120	43	56	90	47	96	165	16	11	7.4-17
4904005	50 x 50 x 50	139	48	68	102	52	56	257	16	11	7.4-17
4904006	63 x 63 x 63	167	58	82	119	58	32	417	16	11	7.4-17
4904007	75 x 75 x 75	196	63	96	129	62	26	639	16	11	7.4-17
4904008	90 x 90 x 90	294	71	113	137	71	15	1090	16	11	7.4-17
4904009	110 x 110 x 110	326	71	143	160	81	8	1955	16	11	7.4-17
4904010	125 x 125 x 125	382	86	165	177	88	4	2950	16	11	7.4-17
4904011	160 x 160 x 160	396	97	209	222	105	3	4758	16	11	7.4-17
4904012	180 x 180 x 180	422	106	245	250	116	1	7200	16	11	7.4-17
4904013	200 x 200 x 200	451	114	261	265	125	1	8650	16	11	7.4-17
4904014	225 x 225 x 225	494	122	293	290	140	1	11860	16	11	7.4-17
4904015	250 x 250 x 250	538	129	326	315	152	1	16250	16	11	7.4-17

Two Outlets Reducing Tee

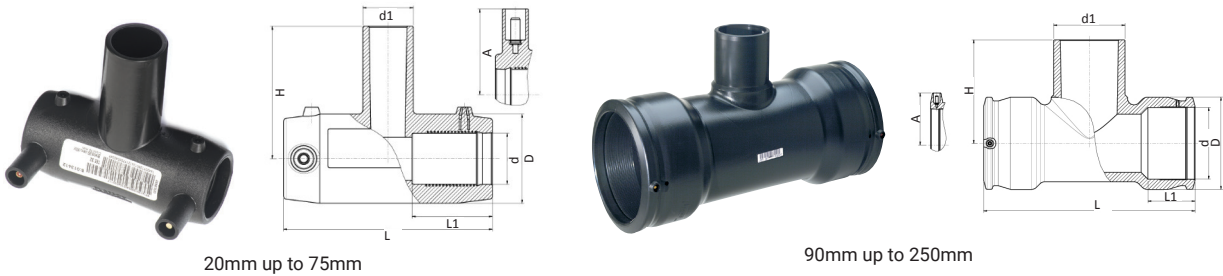
4924



Product Code	Size d x d1 - d1 x d	L	L1	L2	D	H	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4924001	40 x 25-25 x 40	176	46	57	56	72	46	96	229	16	11	7.4-11
4924002	40 x 32-32 x 40	176	46	57	56	76	46	75	233	16	11	7.4-11
4924003	50 x 25-25 x 50	195	49	65	68	79	51	56	342	16	11	7.4-11
4924004	50 x 32-32 x 50	195	49	65	68	83	51	58	336	16	11	7.4-11
4924005	50 x 40-40 x 50	195	49	65	68	89	51	52	352	16	11	7.4-11
4924006	63 x 25-25 x 63	213	58	65	82	86	57	42	457	16	11	7.4-11
4924007	63 x 32-32 x 63	213	58	65	82	90	57	40	464	16	11	7.4-11
4924008	63 x 40-40 x 63	213	58	65	82	96	57	36	480	16	11	7.4-11

Reducing Tee

4914



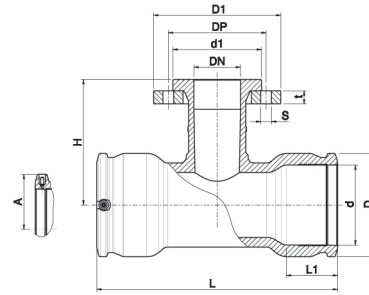
Product Code	Size dxd1xd	L	L1	D	H	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4914001	25 x 20 x 25	104	39	44	66	43	168	108	16	11	7.4-11
4914002*	25 x 32 x 25*	104	39	44	74	43	168	116	16	11	7.4-11
4914003	32 x 20 x 32	104	39	44	66	43	144	89	16	11	7.4-11
4914004	32 x 25 x 32	104	39	44	66	43	144	91	16	11	7.4-11
4914005	40 x 20 x 40	120	43	56	72	47	96	151	16	11	7.4-17
4914006	40 x 25 x 40	120	43	56	72	47	96	150	16	11	7.4-17
4914007	40 x 32 x 40	120	43	56	75	47	96	152	16	11	7.4-17
4914008	50 x 20 x 50	139	48	68	78	52	64	224	16	11	7.4-17
4914009	50 x 25 x 50	139	48	68	78	52	64	225	16	11	7.4-17
4914010	50 x 32 x 50	139	48	68	86	52	64	228	16	11	7.4-17
4914011	50 x 40 x 50	139	48	68	90	52	64	237	16	11	7.4-17
4914012	63 x 20 x 63	167	49	82	85	58	40	348	16	11	7.4-17
4914013	63 x 32 x 63	167	58	82	93	58	32	353	16	11	7.4-17
4914014	63 x 40 x 63	167	58	82	104	58	32	365	16	11	7.4-17
4914015	63 x 50 x 63	167	58	82	109	58	32	381	16	11	7.4-17
4914016	75 x 63 x 75	196	63	96	122	62	26	607	16	11	7.4-17
4914017	90 x 63 x 90	294	68	113	124	71	15	1050	16	11	7.4-17
4914037	90 x 75 x 90	293	71	112	137	71	15	1045	16	11	7.4-17
4914018	110 x 63 x 110	326	71	143	134	81	9	1715	16	11	7.4-17
4914036	110 x 75 x 110	328	72	143	142	81	9	2162	16	11	7.4-17
4914019	110 x 90 x 110	326	71	143	147	81	8	1815	16	11	7.4-17
4914020	125 x 90 x 125	382	86	165	161	88	5	2805	16	11	7.4-17
4914021	125 x 110 x 125	382	86	165	173	88	5	2859	16	11	7.4-17
4914022	160 x 90 x 160	396	97	209	192	105	3	4185	16	11	7.4-17
4914023	160 x 110 x 160	440	86	208	193	106	3	4470	16	11	7.4-17
4914024	160 x 125 x 160	396	97	209	214	105	3	4470	16	11	7.4-17
4914025	180 x 90 x 180	422	106	245	200	116	2	6090	16	11	7.4-17
4914026	180 x 110 x 180	422	106	245	219	116	2	6270	16	11	7.4-17
4914027	180 x 125 x 180	422	106	245	225	116	2	6410	16	11	7.4-17
4914028	180 x 140 x 180	422	106	245	237	116	1	6610	16	11	7.4-17
4914029	180 x 160 x 180	422	106	245	250	116	1	6950	16	11	7.4-17
4914030	200 x 90 x 200	451	114	261	205	125	2	7140	16	11	7.4-17
4914031	200 x 110 x 200	451	114	261	210	125	2	7235	16	11	7.4-17
4914032	225 x 90 x 225	494	122	293	220	140	1	9900	16	11	7.4-17
4914033	225 x 110 x 225	494	122	293	225	140	1	10000	16	11	7.4-17
4914034	250 x 90 x 250	538	129	326	235	152	1	13350	16	11	7.4-17
4914035	250 x 110 x 250	538	129	326	240	152	1	13400	16	11	7.4-17

*Enlarging Tee.

Flanged Tee



Flange: PP Coated Steel



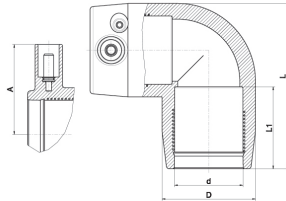
Product Code	Size d x DN x d	L	L1	D	H	A	t	S	d1	DP	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4994008	110 x 80 x 110	326	71	143	181	81	20	8 x 18	138	160	6	3560	16	11	7.4-17
4994001	110 x 100 x 110	326	71	143	181	81	22	8 x 18	158	180	6	4240	16	11	7.4-17
4994009	125 x 80 x 125	382	86	165	190	88	20	8 x 18	138	160	4	4550	16	11	7.4-17
4994002	125 x 100 x 125	382	86	165	190	88	22	8 x 18	158	180	3	5180	16	11	7.4-17
4994010	160 x 80 x 160	440	86	208	210	106	20	8 x 18	138	160	3	6245	16	11	7.4-17
4994003	160 x 100 x 160	440	86	208	210	106	22	8 x 18	158	180	3	6785	16	11	7.4-17
4994011	180 x 80 x 180	422	106	245	225	116	20	8 x 18	138	160	2	7745	16	11	7.4-17
4994004	180 x 100 x 180	422	106	245	225	116	22	8 x 18	158	180	1	8550	16	11	7.4-17
4994005	200 x 100 x 200	451	114	261	245	125	22	8 x 18	158	180	1	9230	16	11	7.4-17
4994012	225 x 80 x 225	494	122	293	255	140	20	8 x 18	138	160	1	11240	16	11	7.4-17
4994006	225 x 100 x 225	494	122	293	260	140	22	8 x 18	158	180	1	11900	16	11	7.4-17
4994013	250 x 80 x 250	538	129	326	270	152	20	8 x 18	138	160	1	14750	16	11	7.4-17
4994007	250 x 100 x 250	538	129	326	275	152	22	8 x 18	158	180	1	15400	16	11	7.4-17

See ISO Flange dimensions and equivalent Australian Standard Flanges in the Metric section.

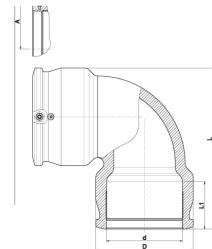
90° Elbow



20mm up to 75mm



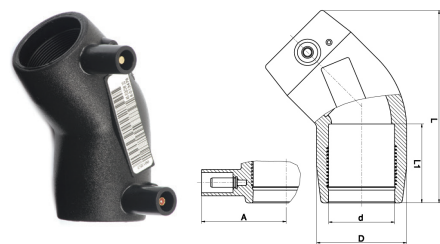
90mm up to 250mm



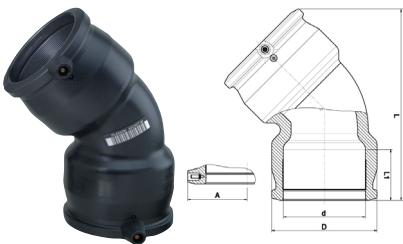
Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4905001	20	66	35	36	38	320	65	16	11	7.4-11
4905002	25	66	37	36	38	320	52	16	11	7.4-11
4905003	32	83	40	44	43	192	85	16	11	7.4-11
4905004	40	92	44	55	47	120	138	16	11	7.4-17
4905005	50	108	48	68	52	72	211	16	11	7.4-17
4905006	63	132	57	82	56	40	320	16	11	7.4-17
4905007	75	158	69	97	62	33	527	16	11	7.4-17
4905008	90	213	78	113	69	19	875	16	11	7.4-17
4905009	110	243	79	143	79	9	1519	16	11	7.4-17
4905010	125	271	100	165	89	7	2424	16	11	7.4-17
4905011	140	309	93	183	94	4	3024	16	11	7.4-17
4905012	160	323	87	209	106	3	3990	16	11	7.4-17
4905013	180	412	105	244	115	2	7590	16	11	7.4-17
4905014	200	449	112	262	124	1	8670	16	11	7.4-17
4905015	225	498	121	295	140	1	12200	16	11	7.4-21
4905016	250	550	130	327	152	1	13500	16	11	7.4-21

45° Elbow

4906



32mm up to 75mm

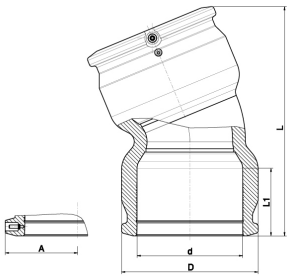


90mm up to 250mm

Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4906001	32	95	39	45	43	240	75	16	11	7.4-11
4906002	40	108	42	55	46	160	117	16	17	7.4-17
4906003	50	125	49	68	51	96	181	16	17	7.4-17
4906004	63	148	57	81	59	60	264	16	17	7.4-17
4906005	75	180	71	96	62	40	426	16	17	7.4-17
4906006	90	243	75	112	69	22	759	16	17	7.4-17
4906007	110	271	81	143	78	12	1269	16	17	7.4-17
4906008	125	304	86	165	88	8	2030	16	17	7.4-17
4906009	140	342	92	182	95	5	2471	16	17	7.4-17
4906010	160	350	95	209	105	4	3350	16	17	7.4-17
4906011	180	434	105	244	114	2	6150	16	17	7.4-17
4906012	200	472	112	261	125	1	7050	16	17	7.4-17
4906013	225	520	120	294	140	1	9800	16	21	7.4-17
4906014	250	571	129	326	151	1	13400	16	21	7.4-26

22.5° Elbow

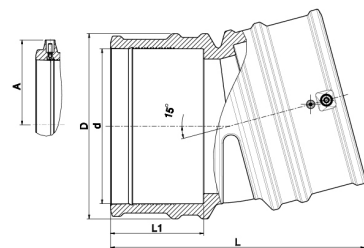
4908



Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4908001	90	214	72	113	71	26	665	16	11	7.4-17
4908002	110	232	71	143	81	14	1087	16	11	7.4-17
4908003	125	274	86	165	88	8	1850	16	11	7.4-17
4908004	160	302	86	209	106	5	2930	16	11	7.4-17
4908005	180	391	105	244	115	2	5360	16	11	7.4-17

15° LightFit Elbow

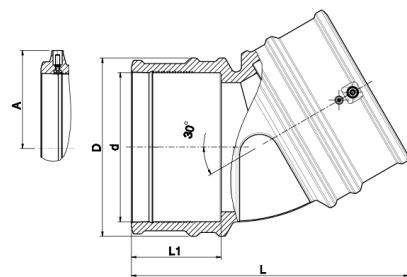
4637



Product Code	Size d	L	L1	D	Carton	W	PN	Pipe SDR Suitability
4637001	160	265	98	193	6	1728	10	17-33

30° LightFit Elbow

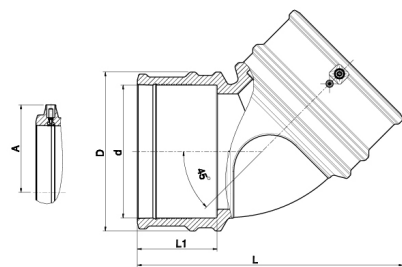
4633



Product Code	Size d	L	L1	D	Carton	W	PN Water	Pipe SDR Suitability
4633001	160	300	98	193	4	1798	10	17-33

45° LightFit Elbow

4706/4606



Product Code	Size d	L	L1	D	Carton	W	PN Water	Pipe SDR Suitability
4706001	110	271	80	142	12	1320	10	11-33
4606001	160	323	98	193	4	1976	10	17-33

180° Elbow

4909



Product Code	Size d	L	L1	H	B	Carton	W	PN Water	Pipe SDR Suitability
4909001	25	38	38	99	72	216	169	16	7.4-11
4909002	32	44	41	108	88	144	216	16	7.4-11
4909003	40	53	48	123	106	80	323	16	7.4-11

Y Reducer

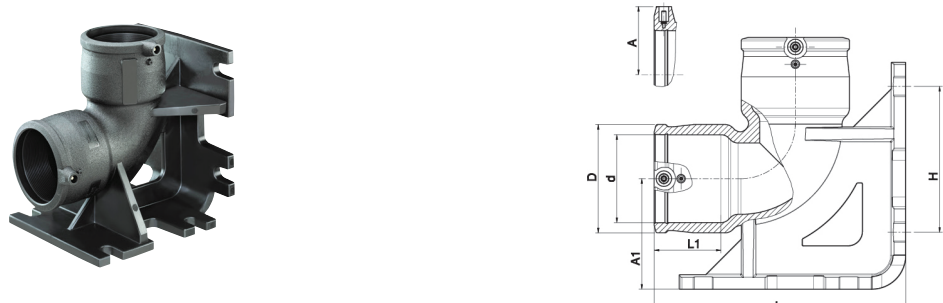
4919



Product Code	Size d x d1 x d1	L	L1	B	A	H	Carton	W	PN Water	Pipe SDR Suitability
4919001	32 x 25 x 25	36	40	70	38	119	200	97	16	7.4-11
4919002	40 x 32 x 32	45	43	87	42	133	120	151	16	7.4-11
4919003	50 x 40 x 40	56	46	108	46	151	72	260	16	7.4-11

Duckfoot 90° Elbow

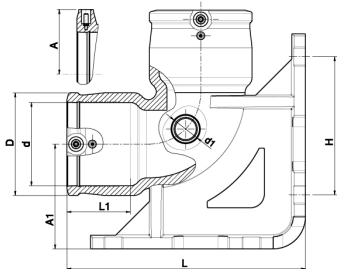
4915



Product Code	Size d	L	L1	D	A	A1	H	Carton	W	PN Water	Pipe SDR Suitability
4915001	90	261	69	112	71	115	146	5	2260	16	7.4-17

Duckfoot 90° Elbow With Outlet

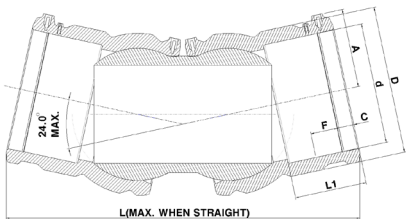
4915



Product Code	Size d x d1	L	L1	D	A	A1	H	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4915002	90 x 32	261	69	112	71	115	146	5	2265	16	11	7.4-17

Adjustable Elbow

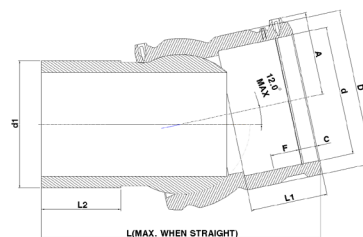
4947



Product Code	Size d	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4947012	90	341	72	116	77	12	1450	16	11	7.4-17
4947001	110	362	80	140	83	8	2030	16	11	7.4-17
4947002	125	382	85	157	95	8	2630	16	11	7.4-17
4947003	160	453	97	215	106	3	4510	16	11	7.4-17
4947004	180	489	99	237	116	2	7490	16	11	7.4-17
4947005	200	512	104	250	125	2	9733	16	11	7.4-17
4947026	225	600	105	282	141	1	13230	16	11	7.4-17
4947013	250	644	123	312	156	1	16775	16	11	7.4-17

Adjustable Elbow One Sided

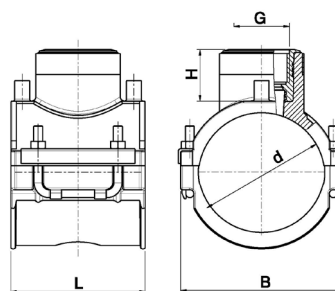
4947



Product Code	Size d x d1	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4947014	90 x 90	258	72	82	116	77	20	940	16	11	7.4-17
4947006	110 x 110	276	85	85	140	83	12	1290	16	11	7.4-17
4947007	125 x 125	292	90	90	157	95	12	1740	16	11	7.4-17
4947008	160 x 160	341	97	100	215	106	4	3150	16	11	7.4-17
4947009	180 x 180	370	99	145	221	128	3	4210	16	11	7.4-17
4947010	200 x 200	370	104	116	250	125	2	6172	16	11	7.4-17
4947011	225 x 225	426	105	124	282	141	2	8340	16	11	7.4-17
4947015	250 x 250	455	123	134	312	156	1	10800	16	11	7.4-17

Saddle Female Threaded Outlet

4958

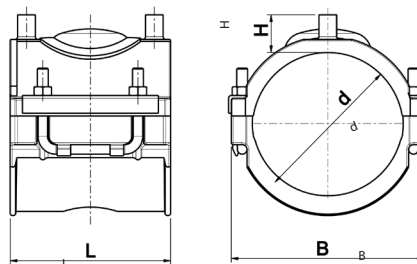


Product Code	Size d x Rp	B	H	L	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4958055	63 x 1"	100	30	118	60	390	16	11	7.4-11
4958056	63 x 1 1/4"	100	30	118	60	400	16	11	7.4-11
4958057	63 x 1 1/2"	100	30	118	60	400	16	11	7.4-11
4958167	90 x 1"	126	30	118	36	520	16	11	7.4-11

PE100 female threaded outlet.

4952

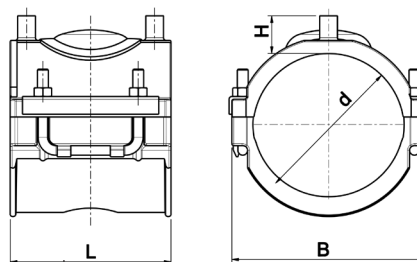
Repair Saddle with Underpart



Product Code	Size d	B	H	L	Max Damage Length	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4952001	63	100	29	118	38	72	378	16	11	7.4-11
4952002	75	117	29	118	38	48	410	16	11	7.4-11
4952003	90	126	29	118	38	40	504	16	11	7.4-17
4952004	110	148	29	118	38	32	555	16	11	7.4-17
4952005	125	162	29	118	38	24	620	16	11	7.4-17
4952006	140	180	29	118	38	24	660	16	11	7.4-17
4952007	160	199	29	118	38	24	718	16	11	7.4-17
4952008	180	219	29	118	38	16	759	16	11	7.4-17

Double Repair Saddle

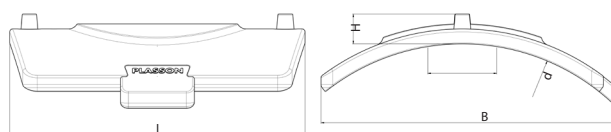
4952



Product Code	Size d	B	H	L	Max Damage Length	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4952009	63	100	29	118	38	72	378	16	11	7.4-11
4952010	90	126	29	118	38	40	504	16	11	7.4-17
4952011	110	148	29	118	38	32	555	16	11	7.4-17
4952012	160	199	29	118	38	24	788	16	11	7.4-17
4952013	200	202	29	176	38	15	1486	16	11	7.4-17

Repair Saddle

4952



Product Code	Size d	B	H	L	Max Damage Length	Carton	W	PN Water	Pipe SDR Suitability
4952014	250-900	305	30	300	70	24	1500	16	7.4-17
4952015	400-900	471	43	610	230	1	6900	16	7.4-21

See tooling section for dedicated tools.

Transition Saddle

4938

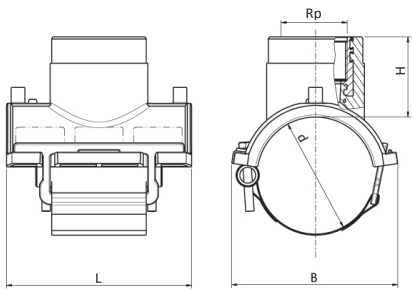
WLF



63mm up to 180mm
Outlets 1 1/4" and 1 1/2"



90mm up to 250mm
Outlet: 2"

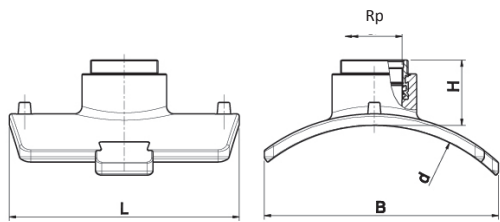


Product Code	Size d x Rp	B	H	L	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4938201	63 x 1 1/4"	100	53	118	48	612	16	11	7.4-11
4938202	75 x 1 1/4"	117	53	118	40	656	16	11	7.4-11
4938203	90 x 1 1/2"	121	53	118	16	930	16	11	7.4-17
4938204	90 x 2"	142	76	176	14	1436	16	11	7.4-17
4938206	110 x 1 1/2"	142	53	118	12	1006	16	11	7.4-17
4938207	110 x 2"	158	76	176	12	1500	16	11	7.4-17
4938209	125 x 1 1/2"	158	53	118	12	1049	16	11	7.4-17
4938210	125 x 2"	166	76	176	12	1510	16	11	7.4-17
4938211	140 x 1 1/2"	175	53	118	10	1072	16	11	7.4-17
4938212	140 x 2"	174	76	176	10	1520	16	11	7.4-17
4938213	160 x 1 1/2"	196	53	118	8	1163	16	11	7.4-17
4938214	160 x 2"	176	76	176	10	1540	16	11	7.4-17
4938216	180 x 1 1/2"	216	53	118	6	1200	16	11	7.4-17
4938217	180 x 2"	182	76	176	10	1500	16	11	7.4-17
4938218	200 x 2"	202	76	176	10	1575	16	11	7.4-17
4938219	225 x 2"	227	76	176	10	1570	16	11	7.4-17
4938220	250 x 2"	252	76	176	10	1040	16	11	7.4-17

Large Bore Transition Saddle

4938

WLF

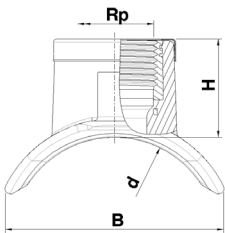
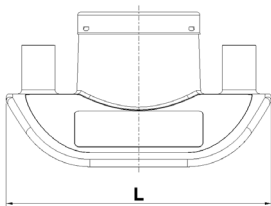


Product Code	Size d x Rp	B	H	L	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4938221	280-400 x 2"	305	77	306	8	1975	16	11	7.4-17
4938222	450-800 x 2"	315	77	306	8	1960	16	11	7.4-26

See tooling section for dedicated tools.

Sensor Saddle with a Stainless Steel Thread

4938



Product Code	Size d x Rp	H	B	L	Carton	W	PN Water
4938101	110-400 x 1/2"	35	85	103	140	109.3	16
4938102	110-400 x 3/4"	38	85	103	140	120	16
4938103	110-400 x 1"	38	85	103	140	148.3	16
4938104	450-1200 x 1/2"	35	85	103	140	109.3	16
4938105	450-1200 x 3/4"	38	85	103	140	120	16
4938106	450-1200 x 1"	38	85	103	140	148.3	16

See Tooling section for dedicated tools.

Pipe Size	Pipe SDR Suitability
110 - 225	7.4 - 11
250 - 280	7.4 - 17.6
315 - 355	7.4 - 21
400+	7.4 - 26

Branch Saddle

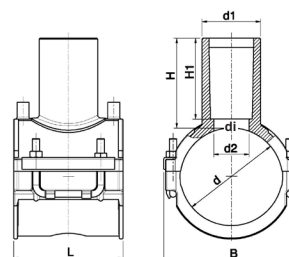
4958



63mm up to 180mm
Outlets 32mm to 63mm



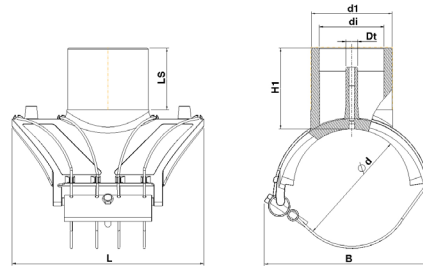
200mm up to 315mm
and all sizes with Outlet 90mm



Product Code	Size d x d1	B	H1	LS	L	di	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4958001	63 x 32	100	59	49	118	23	56	394	16	11	7.4-11
4958002	63 x 40	100	78	66	118	29.5	40	400	16	11	7.4-11
4958003	63 x 50	100	93	82	118	37.5	40	430	16	11	7.4-11
4958004	63 x 63	100	94	85	118	45	40	462	16	11	7.4-11
4958005	75 x 32	117	59	49	118	23	48	431	16	11	7.4-11
4958006	75 x 40	117	78	66	118	29.5	36	451	16	11	7.4-11
4958007	75 x 50	117	93	82	118	37.5	32	465	16	11	7.4-11
4958008	75 x 63	117	94	85	118	45	32	522	16	11	7.4-11
4958009	90 x 32	126	59	49	118	23	32	519	16	11	7.4-17
4958010	90 x 40	126	78	68	118	29.5	32	529	16	11	7.4-17
4958011	90 x 50	126	93	82	118	37.5	32	550	16	11	7.4-17
4958012	90 x 63	126	94	85	118	45	24	608	16	11	7.4-17
4958013	90 x 90	139	105	90	176	66	15	934	16	11	7.4-17
4958014	110 x 32	148	59	49	118	23	24	585	16	11	7.4-17
4958015	110 x 40	148	78	68	118	29.5	24	598	16	11	7.4-17
4958016	110 x 50	148	93	82	118	37.5	20	629	16	11	7.4-17
4958017	110 x 63	148	94	85	118	45	20	658	16	11	7.4-17
4958018	110 x 90	162	105	90	176	68	18	949	16	11	7.4-17
4958019	125 x 32	162	59	49	118	23	24	634	16	11	7.4-17
4958020	125 x 40	162	78	68	118	29.5	20	644	16	11	7.4-17
4958021	125 x 50	162	93	82	118	37.5	20	670	16	11	7.4-17
4958022	125 x 63	162	94	85	118	45	16	703	16	11	7.4-17
4958023	125 x 90	169	105	90	176	68	18	953	16	11	7.4-17
4958024	140 x 32	180	59	49	118	23	24	661	16	11	7.4-17
4958025	140 x 40	180	78	68	118	29.5	16	677	16	11	7.4-17
4958026	140 x 50	180	93	82	118	37.5	16	705	16	11	7.4-17
4958027	140 x 63	180	94	85	118	45	16	740	16	11	7.4-17
4958028	140 x 90	174	105	90	176	68	16	965	16	11	7.4-17
4958029	160 x 32	200	59	49	118	23	16	744	16	11	7.4-17
4958030	160 x 40	200	78	68	118	29.5	16	757	16	11	7.4-17
4958031	160 x 50	200	93	82	118	37.5	16	778	16	11	7.4-17
4958032	160 x 63	200	94	85	118	45	16	804	16	11	7.4-17
4958033	160 x 90	176	105	90	176	68	16	961	16	11	7.4-17
4958034	180 x 32	219	59	49	118	23	16	800	16	11	7.4-17
4958035	180 x 40	219	78	68	118	29.5	12	800	16	11	7.4-17
4958036	180 x 50	219	93	82	118	37.5	12	828	16	11	7.4-17
4958037	180 x 63	219	94	85	118	45	12	886	16	11	7.4-17
4958038	180 x 90	182	105	90	176	68	15	962	16	11	7.4-17
4958039	200 x 63	202	102	85	176	47	15	862	16	11	7.4-17
4958040	200 x 90	202	105	90	176	68	15	900	16	11	7.4-17
4958041	225 x 63	227	102	85	176	47	15	882	16	11	7.4-17
4958042	225 x 90	227	105	90	176	68	15	983	16	11	7.4-17
4958043	250 x 63	252	102	85	176	47	15	970	16	11	7.4-17
4958044	250 x 90	252	105	90	176	68	15	1070	16	11	7.4-17
4958045	280 x 90	282	105	90	176	68	10	990	16	11	7.4-17
4958046	315 x 90	317	105	90	176	68	15	1005	16	11	7.4-17

Branch Saddle with Red Wire Underpart & Test Spigot

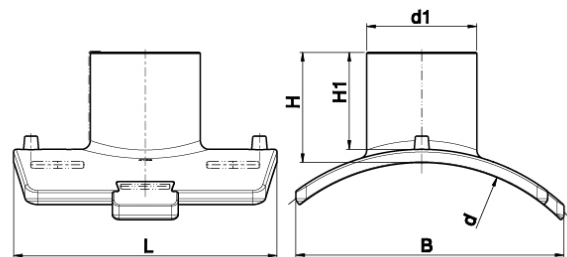
4958



Product Code	Size d x d1	B	H1	LS	L	di	Dt	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4958168	125 x 90	180	106	81	242	73	16	9	890	16	11	7.4-17
4958154	125 x 110	180	109	84	242	89	16	9	1004	16	11	7.4-17
4958169	140 x 90	189	106	81	242	73	16	9	830	16	11	7.4-17
4958155	140 x 110	189	109	84	242	89	16	9	901	16	11	7.4-17
4958170	160 x 90	222	107	81	263	73	16	6	1330	16	11	7.4-17
4958156	160 x 110	222	110	84	263	89	16	6	1020	16	11	7.4-17
4958171	180 x 90	229	107	81	263	73	16	6	1480	16	11	7.4-17
4958157	180 x 110	229	110	84	263	89	16	6	1140	16	11	7.4-17
4958178	180 x 125	249	156	338	141	102	16	4	-	16	11	7.4-17
4958175	180 x 160	249	167	338	152	131	16	4	-	16	11	7.4-17
4958172	200 x 90	277	109	81	295	73	16	6	1960	16	11	7.4-17
4958158	200 x 110	277	111	84	295	89	16	6	1630	16	11	7.4-17
4958179	200 x 125	249	156	338	141	102	16	4	-	16	11	7.4-17
4958176	200 x 160	249	167	338	152	131	16	4	-	16	11	7.4-17
4958173	225 x 90	277	109	81	295	73	16	6	1800	16	11	7.4-17
4958159	225 x 110	277	112	85	295	89	16	6	1500	16	11	7.4-17
4958180	225 x 125	291	156	338	141	102	16	4	-	16	11	7.4-17
4958177	225 x 160	291	167	338	152	131	16	4	-	16	11	7.4-17
4958174	250 x 90	280	109	81	295	73	16	6	1650	16	11	7.4-17
4958160	250 x 110	280	111	84	295	89	16	6	1310	16	11	7.4-17
4958181	250 x 125	291	156	338	141	102	16	4	-	16	11	7.4-17
4958182	250 x 160	291	167	152	338	131	16	4	-	16	11	7.4-17

Large Bore Branch Saddle

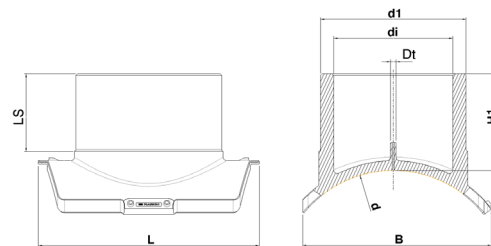
4958



Product Code	Size d x d1	B	di	LS	Dt	H1	L	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4958047	280 - 400 x 90	305	73	102	16	115	300	7	1510	16	11	7.4-17
4958048	280 - 400 x 110	305	90	104	16	117	300	7	1650	16	11	7.4-17
4958049	280 - 400 x 125	305	102	119	16	110	300	6	1760	16	11	7.4-17
4958050	280 - 400 x 160	305	131	119	16	132	300	6	2167	16	11	7.4-21
4958051	450 - 800 x 90	315	73	105	16	117	300	7	1598	16	11	7.4-26
4958052	450 - 800 x 110	315	90	105	16	117	300	7	1601	16	11	7.4-26
4958053	450 - 800 x 125	315	102	109	16	117	300	7	1739	16	11	7.4-26
4958054	450 - 800 x 160	315	131	115	16	130	300	6	2017	16	11	7.4-26

XL & XXL Branch Saddle

4958

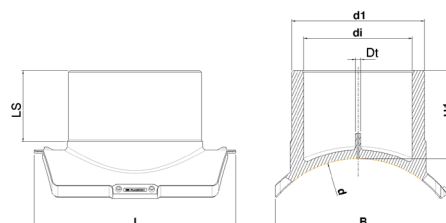


Product Code	d x d1	B	L	di	LS	H1	Dt	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4958092	315-355 x 250	390	420	204	140	200	16	1	7400	16	11	11-17
4958163	400-450 x 200	387	470	164	142	180	16	1	6000	16	11	11-21
4958164	400-450 x 225	390	470	184	150	189	16	1	6300	16	11	11-21
4958183	400-450 x 250	405	470	205	160	195	16	1	7900	16	11	11-21
4958116	450 x 280	450	530	230	169	225	16	1	10900	16	11	11-26
4958094	450 x 315	450	530	259	180	220	16	1	13000	16	11	11-26
4958117	500 x 280	465	530	230	169	225	16	1	10800	16	11	11-26
4958095	500 x 315	480	540	259	180	227	16	1	13500	16	11	11-26
4958118	500 x 355	500	610	292	194	252	16	1	17670	16	11	11-26
4958083	500 - 630 x 250	400	420	205	203	225	16	1	6670	16	11	11-33
4958165	500 - 630 x 200	425	470	164	160	185	16	1	5300	16	11	11-26
4958166	500 - 630 x 225	425	420	184	203	225	16	1	5900	16	11	11-26
4958119	560 x 280	477	530	230	169	225	16	1	10700	16	11	11-26
4958096	560 x 315	472	540	259	180	227	16	1	12800	16	11	11-26
4958120	560 x 355	512	610	292	194	252	16	1	17200	16	10	11-26
4958084	560 x 400	505	620	329	209	258	16	1	20100	16	11	11-26
4958121	630 x 280	489	530	230	169	225	16	1	10700	16	11	11-33
4958097	630 x 315	481	540	259	180	227	16	1	12700	16	11	11-33
4958122	630 x 355	522	610	292	194	252	16	1	16700	16	11	11-33
4958085	630 x 400	520	620	329	209	258	16	1	20400	16	11	11-33
4958111	710 x 200	410	470	164	142	180	16	1	5400	16	11	11-41
4958112	710 x 225	410	470	184	150	187	16	1	6400	16	11	11-41
4958098	710 x 250	430	470	205	160	195	16	1	7500	16	11	11-41
4958123	710 x 280	498	530	230	169	225	16	1	10600	16	11	11-41
4958099	710 x 315	500	530	259	180	220	16	1	12600	16	11	11-41
4958124	710 x 355	532	610	292	194	252	16	1	17200	16	11	11-41
4958100	710 x 400	530	610	329	209	250	16	1	19000	16	11	11-41
4958113	800 x 200	410	470	164	142	180	16	1	5500	16	11	11-41
4958114	800 x 225	415	470	184	150	189	16	1	6200	16	11	11-41
4958101	800 x 250	430	470	205	160	197	16	1	7500	16	11	11-41
4958125	800 x 280	505	530	259	169	225	16	1	10600	16	11	11-26
4958102	800 x 315	510	530	292	180	220	16	1	12200	16	11	11-41
4958126	800 x 355	543	610	329	194	252	16	1	16500	16	11	11-41
4958103	800 x 400	540	610	329	209	250	16	1	20000	16	11	11-41
4958088	900 x 110	320	300	73	105	123	16	6	1900	16	11	11-41
4958089	900 x 125	320	300	101	110	130	16	6	2100	16	11	11-41
4958090	900 x 160	295	300	131	113	131	16	6	2390	16	11	11-41
4958151	900 x 180	435	470	147	135	169	16	1	4600	16	11	11-41
4958152	900 x 200	415	470	164	142	180	16	1	5300	16	11	11-41
4958153	900 x 225	415	470	184	150	189	16	1	6500	16	11	11-41
4958087	900 x 250	440	470	204	160	197	16	1	7000	16	11	11-41
4958127	900 x 280	511	530	230	169	225	16	1	10600	16	11	11-41
4958104	900 x 315	510	530	259	180	220	16	1	12100	16	11	11-41
4958128	900 x 355	554	610	292	194	252	16	1	17200	16	11	11-41
4958091	900 x 400	550	610	329	209	250	16	1	19130	16	11	11-41

See Tooling section for dedicated tools.

XL & XXL Branch Saddle Cont.

4958

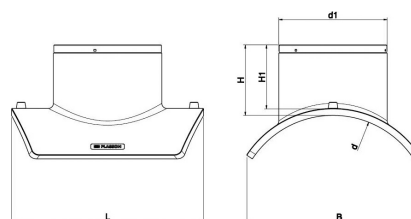


Product Code	d x d1	B	L	di	LS	H1	Dt	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4958145	1000 x 110	295	300	73	97	115	16	6	2000	16	11	11-41
4958146	1000 x 125	295	300	102	102	120	16	6	2200	16	11	11-41
4958147	1000 x 160	295	300	131	113	131	16	6	3000	16	11	11-41
4958129	1000 x 180	443	470	147	166	184	16	1	4600	16	11	11-41
4958130	1000 x 200	443	470	163	176	198	16	1	5300	16	11	11-41
4958131	1000 x 225	443	470	184	181	203	16	1	6500	16	11	11-41
4958132	1000 x 250	443	470	205	190	213	16	1	7360	16	11	11-41
4958133	1000 x 280	516	530	230	169	225	16	1	10500	16	11	11-41
4958134	1000 x 315	516	530	259	211	236	16	1	12320	16	11	11-41
4958135	1000 x 355	563	610	292	194	252	16	1	16830	16	11	11-41
4958136	1000 x 400	563	610	329	240	267	16	1	20000	16	11	11-41
4958148	1200 x 110	295	300	73	97	115	16	6	2000	16	11	11-41
4958149	1200 x 125	395	300	102	102	120	16	6	2200	16	11	11-41
4958150	1200 x 160	295	300	131	113	131	16	6	2500	16	11	11-41
4958137	1200 x 180	447	470	147	166	184	16	1	4700	16	11	11-41
4958138	1200 x 200	447	470	163	176	198	16	1	5740	16	11	11-41
4958139	1200 x 225	447	470	184	181	189	16	1	6350	16	11	11-41
4958140	1200 x 250	447	470	204	190	213	16	1	7370	16	11	11-41
4958141	1200 x 280	527	530	230	169	225	16	1	10500	16	11	11-41
4958142	1200 x 315	526	530	257	211	236	16	1	12000	16	11	11-41
4958143	1200 x 355	575	610	252	194	252	16	1	16500	16	11	11-41
4958144	1200 x 400	574	610	327	240	267	16	1	20000	16	11	11-41

See Tooling section for dedicated tools.

LightFit Branch Saddle

4758

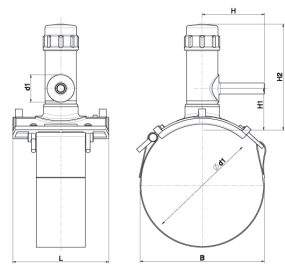


Product Code	d x d1	B	L	H1	H	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4758028	315 - 450 x 225	359	145	130	400	1	3800	10	17	17-33
4758029	450 - 630 x 225	389	145	130	400	1	3760	10	17	17-33
4758030	630 - 800 x 225	407	145	130	400	1	3835	10	17	17-33

See Tooling section for dedicated tools.

High Volume Tapping Tee (HVTT)

4913



Product Code	size d x d1	B	L	H	H1	H2	PN Water	SDR Gas	Pipe SDR Suitability
4913001	90 x 63	139	176	130	75	195	16	11	7.4-17
4913002	110 x 63	156	176	130	75	195	16	11	7.4-17
4913003	125 x 63	165	176	130	75	195	16	11	7.4-17
4913004	140 x 63	171	176	130	75	195	16	11	7.4-17
4913005	160 x 63	173	176	130	75	195	16	11	7.4-17
4913006	180 x 63	176	176	130	75	195	16	11	7.4-17
4913007	200 x 63	178	176	130	75	195	16	11	7.4-17
4913008	225 x 63	180	176	130	75	195	16	11	7.4-17
4913009	250 x 63	180	176	130	75	195	16	11	7.4-17
4913010	280 x 63	180	176	130	75	195	16	11	7.4-17
4913011	315 x 63	183	176	130	75	195	16	11	7.4-17

Intregated core cutter with 47mm core.

Hex Key

2013



Product Code	Size
2013001	12 x 200mm

The Plasson Hex Key is designed for use with all Plasson tapping saddles.
It comes with a 12mm square drive connection.
Wrench not included.
Cut hole after 4x the cooling period indicated on the fitting label.

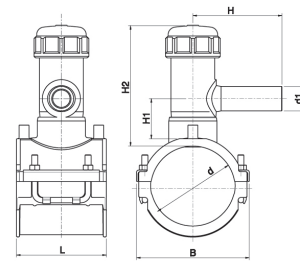
Tapping Saddle

WLF


40mm up to 63mm



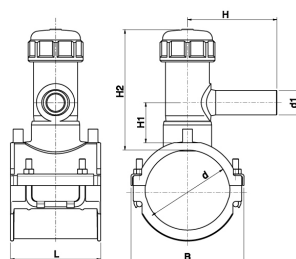
75mm up to 180mm



Product Code	Size d x d1	H	B	H1	H2	L	Welding Cap Type	Core Cutter Size	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4963201	40 x 20	107	66	7	94	100	Type C	20	52	290	16	11	7.4-11
4963264	40 x 25	90	65	7	98	100	Type C	20	52	349	16	11	7.4-11
4963202	40 x 32	121	66	11	94	100	Type C	20	52	370	16	11	7.4-11
4963203	50 x 20	110	76	7	98	100	Type C	20	52	390	16	11	7.4-11
4963204	50 x 25	91	76	10	98	100	Type C	20	50	390	16	11	7.4-11
4963205	50 x 32	122	76	12	98	100	Type C	20	45	390	16	11	7.4-11
4963206	63 x 20	90	100	10	90	118	Type C	20	40	362	16	11	7.4-11
4963207	63 x 25	93	100	12	36	118	Type C	20	40	364	16	11	7.4-11
4963208	63 x 32	99	100	12	90	118	Type C	20	40	380	16	11	7.4-11
4963209	63 x 40	142	100	64	177	118	Type A	20	16	870	16	11	7.4-11
4963210	63 x 50	154	100	64	177	118	Type A	20	16	1099	16	11	7.4-11
4963211	63 x 63	175	100	64	177	118	Type A	20	16	962	16	11	7.4-11
4963212	75 x 20	125	117	50	177	118	Type A	20	16	1120	16	11	7.4-11
4963213	75 x 32	132	117	56	177	118	Type A	30	16	1091	16	11	7.4-11
4963214	75 x 40	142	117	60	177	118	Type A	30	16	1124	16	11	7.4-11
4963215	75 x 50	123	117	64	177	118	Type A	30	16	1140	16	11	7.4-11
4963216	75 x 63	175	117	64	177	118	Type A	30	16	1228	16	11	7.4-11
4963217	90 x 20	117	126	16	114	118	Type B	25	20	900	16	11	7.4-17
4963218	90 x 25	108	126	16	114	118	Type B	25	20	1120	16	11	7.4-17
4963219	90 x 32	126	126	16	114	118	Type B	25	20	778	16	11	7.4-17
4963220	90 x 40	134	126	21	114	118	Type B	25	20	1130	16	11	7.4-17
4963221	90 x 50	123	126	64	177	118	Type A	30	14	1220	16	11	7.4-17
4963222	90 x 63	175	126	64	177	118	Type A	30	14	1300	16	11	7.4-17
4963223	110 x 20	119	148	16	114	118	Type B	25	20	964	16	11	7.4-17
4963268	110 x 25	118	148	16	114	118	Type B	30	20	830	16	11	7.4-17
4963224	110 x 32	127	148	16	114	118	Type B	25	20	846	16	11	7.4-17
4963225	110 x 40	138	148	21	114	118	Type B	25	20	1000	16	11	7.4-17
4963226	110 x 50	123	148	64	177	118	Type A	30	12	1300	16	11	7.4-17
4963227	110 x 63	175	148	64	177	118	Type A	30	12	1383	16	11	7.4-17
4963228	125 x 20	116	162	16	114	118	Type B	25	15	1220	16	11	7.4-17
4963267	125 x 25	95	162	16	114	118	Type B	25	15	880	16	11	7.4-17
4963229	125 x 32	131	162	16	114	118	Type B	25	15	899	16	11	7.4-17
4963230	125 x 40	141	162	21	114	118	Type B	25	15	1280	16	11	7.4-17
4963231	125 x 50	123	162	64	177	118	Type A	30	12	1345	16	11	7.4-17
4963232	125 x 63	175	162	64	177	118	Type A	30	12	1426	16	11	7.4-17
4963233	140 x 20	125	180	50	177	118	Type A	25	12	1340	16	11	7.4-17
4963234	140 x 32	132	180	56	177	118	Type A	25	12	1330	16	11	7.4-17
4963235	140 x 40	142	180	60	177	118	Type A	25	12	1360	16	11	7.4-17
4963236	140 x 50	123	180	64	177	118	Type A	30	12	1382	16	11	7.4-17
4963237	140 x 63	175	180	64	177	118	Type A	30	12	1468	16	11	7.4-17
4963238	160 x 20	118	199	21	138	118	Type A	30	10	1360	16	11	7.4-17
4963266	160 x 25	100	199	21	138	118	Type A	30	10	1170	16	11	7.4-17
4963239	160 x 32	144	199	16	138	118	Type A	30	10	1320	16	11	7.4-17
4963240	160 x 40	157	199	21	138	118	Type A	30	10	1216	16	11	7.4-17
4963241	160 x 50	175	199	24	138	118	Type A	30	10	1375	16	11	7.4-17
4963242	160 x 63	197	199	20	138	118	Type A	30	10	1390	16	11	7.4-17
4963243	180 x 20	125	219	50	177	118	Type A	30	10	1550	16	11	7.4-17
4963265	180 x 25	110	219	18	138	118	Type A	30	10	1100	16	11	7.4-17



200mm up to 250mm

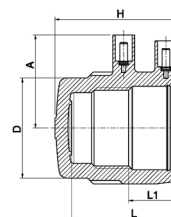


Product Code	Size d x d1	H	B	H1	H2	L	Welding Cap Type	Core Cutter Size	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4963244	180 x 32	144	219	18	138	118	Type A	30	10	1565	16	11	7.4-17
4963245	180 x 40	155	219	21	138	118	Type A	30	10	1274	16	11	7.4-17
4963246	180 x 50	174	219	24	138	118	Type A	30	10	1595	16	11	7.4-17
4963247	180 x 63	197	219	20	138	118	Type A	30	10	1605	16	11	7.4-17
4963248	200 x 20	125	202	50	177	176	Type A	30	8	1425	16	11	7.4-17
4963249	200 x 32	132	202	56	177	176	Type A	30	8	1451	16	11	7.4-17
4963250	200 x 40	142	202	60	177	176	Type A	30	8	1471	16	11	7.4-17
4963251	200 x 50	123	202	64	177	176	Type A	30	8	1496	16	11	7.4-17
4963252	200 x 63	175	202	64	177	176	Type A	30	8	1579	16	11	7.4-17
4963253	225 x 20	125	227	50	177	176	Type A	30	8	1370	16	11	7.4-17
4963254	225 x 32	132	227	56	177	176	Type A	30	8	1450	16	11	7.4-17
4963255	225 x 40	142	227	60	177	176	Type A	30	8	1485	16	11	7.4-17
4963256	225 x 50	123	227	64	177	176	Type A	30	8	1506	16	11	7.4-17
4963257	225 x 63	175	227	64	177	176	Type A	30	8	1589	16	11	7.4-17
4963258	250 x 20	125	252	50	177	176	Type A	30	8	1455	16	11	7.4-17
4963259	250 x 32	132	252	56	177	176	Type A	30	8	1464	16	11	7.4-17
4963260	250 x 40	142	252	60	177	176	Type A	30	8	1582	16	11	7.4-17
4963261	250 x 50	123	252	64	177	176	Type A	30	8	1589	16	11	7.4-17
4963262	250 x 63	175	252	64	177	176	Type A	30	8	1386	16	11	7.4-17

A Welding Cap can be permanently fixed to the Tapping Saddle via the electrofusion process. This prevents any accidental disassembly which can occur with the standard cap. See next page for welding cap.

Welding Cap for Tapping Saddle

4983



Product Code	Type	Size	D	A	H	L	L1	Carton	W	PN Water	SDR Gas
4983003	Type A	57	51	49	63	55	26	256	73	16	11
4983002	Type B	50	62	54	73	66	30	192	111	16	11
4983001	Type C	40	74	59	74	63	36	128	157	16	11

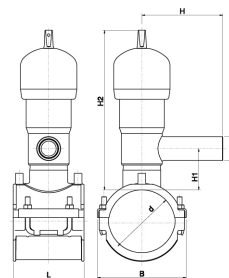
Tapping Valve



63mm up to 180mm



200mm up to 250mm



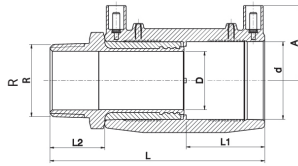
Product Code	Size d x d1	B	H	H1	H2	L	Carton	W	PN Water	SDR Gas	Pipe SDR Compatibility
4954001	63 x 32	99	126	46	244	118	8	2090	16	11	7.4-11
4954002	63 x 40	99	137	46	244	118	8	2103	16	11	7.4-11
4954003	63 x 50	99	152	51	244	118	8	2140	16	11	7.4-11
4954004	63 x 63	99	186	51	244	118	8	2205	16	11	7.4-11
4954005	75 x 32	117	126	46	244	118	8	2100	16	11	7.4-11
4954006	75 x 40	117	137	46	244	118	8	2113	16	11	7.4-11
4954007	75 x 50	117	152	51	244	118	8	2150	16	11	7.4-11
4954008	75 x 63	117	186	51	244	118	8	2215	16	11	7.4-11
4954009	90 x 32	126	126	46	244	118	8	2150	16	11	7.4-11
4954010	90 x 40	126	137	46	244	118	8	2163	16	11	7.4-11
4954011	90 x 50	126	152	51	244	118	8	2200	16	11	7.4-11
4954012	90 x 63	126	186	51	244	118	8	2265	16	11	7.4-11
4954013	110 x 32	148	126	46	244	118	8	2267	16	11	11-17
4954014	110 x 40	148	137	46	244	118	8	2250	16	11	11-17
4954015	110 x 50	148	152	51	244	118	8	2280	16	11	11-17
4954016	110 x 63	148	186	51	244	118	8	2345	16	11	11-17
4954017	125 x 32	162	126	46	244	118	8	2277	16	11	11-17
4954018	125 x 40	162	137	46	244	118	8	2290	16	11	11-17
4954019	125 x 50	162	152	51	244	118	8	2327	16	11	11-17
4954020	125 x 63	162	186	51	244	118	8	2392	16	11	11-17
4954021	140 x 32	180	126	46	244	118	8	2285	16	11	11-17
4954022	140 x 40	180	137	46	244	118	8	2298	16	11	11-17
4954023	140 x 50	180	152	51	244	118	8	2335	16	11	11-17
4954024	140 x 63	180	186	51	244	118	8	2441	16	11	11-17
4954025	160 x 32	202	126	46	244	118	8	2377	16	11	11-17
4954026	160 x 40	202	137	46	244	118	8	2390	16	11	11-17
4954027	160 x 50	202	152	51	244	118	8	2427	16	11	11-17
4954028	160 x 63	202	186	51	244	118	8	2492	16	11	11-17
4954029	180 x 32	220	126	46	244	118	8	2440	16	11	11-17
4954030	180 x 40	220	137	46	244	118	8	2453	16	11	11-17
4954031	180 x 50	220	152	51	244	118	8	2490	16	11	11-17
4954032	180 x 63	220	186	51	244	118	8	2555	16	11	11-17
4954033	200 x 32	202	126	46	244	176	5	2431	16	11	11-17
4954034	200 x 40	202	137	46	244	176	5	2444	16	11	11-17
4954035	200 x 50	202	152	51	244	176	5	2481	16	11	11-17
4954036	200 x 63	202	186	51	244	176	5	2546	16	11	11-17
4954037	225 x 32	227	126	46	244	176	5	2448	16	11	11-17
4954038	225 x 40	227	137	46	244	176	5	2501	16	11	11-17
4954039	225 x 50	227	152	51	244	176	5	2538	16	11	11-17
4954040	225 x 63	227	186	51	244	176	5	2603	16	11	11-17
4954041	250 x 32	252	126	46	244	176	5	2504	16	11	11-17
4954042	250 x 40	252	137	46	244	176	5	2517	16	11	11-17
4954043	250 x 50	252	152	51	244	176	5	2554	16	11	11-17
4954044	250 x 63	252	186	51	244	176	5	2619	16	11	11-17

Tapping Valve contains a brass cutter that is not lead free, therefore only suitable for non-potable water and gas applications.

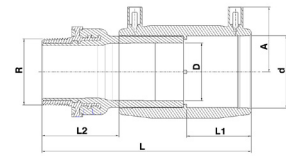
Male Transition Coupler

4921

WLF



Type A



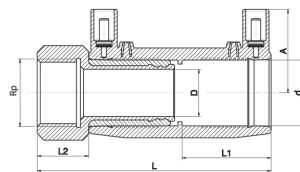
Type B

Product Code	Size d x R	Type	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4921221	20 x 1/2"	A	105	37	29	14	34	200	129	16	11	7.4-11
4921266	20 x 3/4"	A	100	35	29	19	39	150	158	16	11	7.4-11
4921222	25 x 3/4"	A	111	40	29	19	37	150	150	16	11	7.4-11
4921264	25 x 1"	B	131	35	50	22	43	100	265	16	11	7.4-11
4921223	32 x 1/2"	A	110	39	29	23	42	100	142	16	11	7.4-11
4921224	32 x 3/4"	A	110	39	29	23	42	100	263	16	11	7.4-11
4921225	32 x 1"	B	140	44	50	22	43	100	285	16	11	7.4-11
4921226	32 x 1 1/4"	A	124	42	36	23	42	60	393	16	11	7.4-11
4921227	32 x 1 1/2"	A	124	42	36	23	42	60	404	16	11	7.4-11
4921228	40 x 1"	B	143	48	45	22	46	72	409	16	11	7.4-11
4921229	40 x 1 1/4"	B	153	48	55	30	46	54	470	16	11	7.4-11
4921230	40 x 1 1/2"	A	133	47	36	29	46	54	483	16	11	7.4-11
4921231	40 x 2"	A	160	44	41	29	59	36	500	16	11	7.4-11
4921232	50 x 1"	A	135	49	34	38	51	48	513	16	11	7.4-11
4921233	50 x 1 1/4"	A	137	49	36	38	51	48	569	16	11	7.4-11
4921234	50 x 1 1/2"	B	164	49	63	35	51	48	547	16	11	7.4-11
4921235	50 x 2"	A	160	49	41	38	59	30	752	16	11	7.4-11
4921236	63 x 1 1/4"	A	153	57	36	48	57	30	884	16	11	7.4-11
4921237	63 x 1 1/2"	A	153	57	36	48	57	30	845	16	11	7.4-11
4921238	63 x 2"	B	186	57	69	47	58	30	921	16	11	7.4-17
4921265	63 x 2 1/2"	A	172	57	46	59	66	16	1008	16	11	7.4-17
4921239	75 x 2"	A	167	61	41	59	64	16	1305	16	11	7.4-17
4921240	75 x 2 1/2"	A	172	61	46	59	64	16	1512	16	11	7.4-17
4921262	90 x 2"	B	212	71	69	47	78	8	1167	16	11	7.4-17
4921261	90 x 2 1/2"	A	189	71	46	59	78	8	1174	16	11	7.4-17

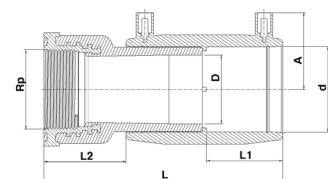
Female Transition Coupler

4931

WLF



Type A

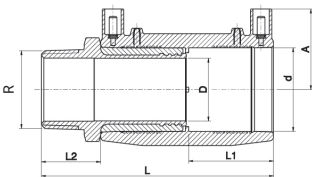


Type B

Product Code	Size d x Rp	Type	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4931213	20 x 1/2"	A	96	37	20	14	35	200	130	16	11	7.4-11
4931214	25 x 3/4"	A	105	40	23	19	38	150	145	16	11	7.4-11
4931235	25 x 1"	A	108	34	28	23	42	80	252	16	11	7.4-11
4931215	32 x 3/4"	A	124	39	23	19	42	100	159	16	11	7.4-11
4931216	32 x 1"	B	130	44	40	27	43	100	265	16	11	7.4-11
4931236	32 x 1 1/4"	A	118	39	28	29	47	54	507	16	11	7.4-11
4931217	40 x 1"	A	122	47	25	29	46	54	507	16	11	7.4-11
4931218	40 x 1 1/4"	A	122	47	25	29	46	54	407	16	11	7.4-11
4931219	40 x 1 1/2"	A	122	47	25	29	46	48	419	16	11	7.4-11
4931220	50 x 1 1/2"	A	126	49	25	38	51	48	491	16	11	7.4-11
4931221	50 x 2"	A	131	49	30	38	51	40	685	16	11	7.4-11
4931222	63 x 1 1/2"	A	145	59	26	38	59	24	558	16	11	7.4-11
4931223	63 x 2"	B	179	57	62	49	58	30	840	16	11	7.4-17

Male Transition Coupler SS 316

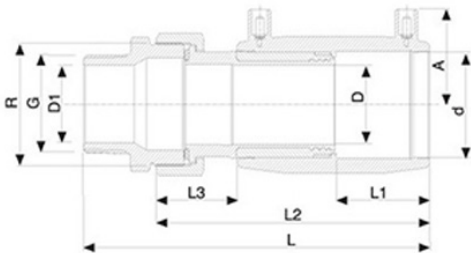
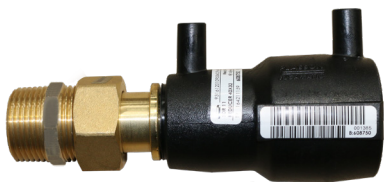
4951



Product Code	Size d x R	A	D	L2	L	L1	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4951015	32 x 1.1/4"	42	23	36	124	42	60	393	16	11	7.4-11
4951002	32 x 1.1/2"	41	23	36	126	44	64	450	16	11	7.4-11
4951003	40 x 1.1/4"	45	29	36	134	48	54	460	16	11	7.4-11
4951004	40 x 1.1/2"	45	29	36	134	48	54	460	16	11	7.4-11
4951005	50 x 1.1/2"	50	38	36	137	49	24	540	16	11	7.4-11
4951014	50 x 2"	59	38	41	160	49	30	752	16	11	7.4-11
4951006	63 x 1.1/2"	57	48	36	154	57	32	800	16	11	7.4-11
4951007	63 x 2"	57	48	41	159	57	30	890	16	11	7.4-17.6

Male Transition Union (Free Nut)

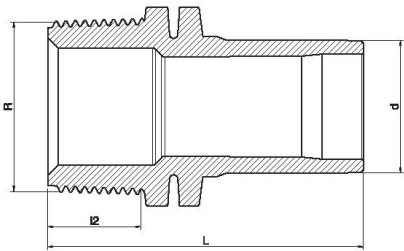
4941



Product Code	Size d x R	A	d	D	L1	L2	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4941201	32-1"	42	32	23	42	124	40	555	16	11	7.4 - 11
4941202	40-1"	45	40	29	47	136	30	779	16	11	7.4 - 11
4941203	40 - 1.1/4"	45	40	29	47	136	30	779	16	11	7.4 - 11
4941204	50 - 1.1/2"	50	50	38	49	142	-	-	16	11	7.4 - 11
4941205	63 - 1.1/2"	57	63	38	57	162	-	-	16	11	7.4 - 11
4941206	63 - 2"	57	63	48	57	167	-	-	16	11	7.4 - 17

PE Male Spigot Adaptor

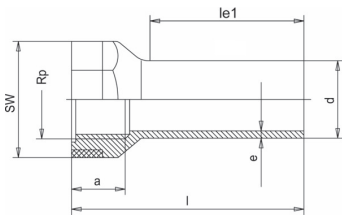
4971



Product Code	Size d x R	L	L2	Carton	W	PN Water	SDR Gas
4971001	25 x 3/4"	65	19	600	20	16	11
4971002	32 x 1"	74	21	400	30	16	11
4971003	40 x 1	80	21	200	55	16	11
4971004	40 x 1.1/4"	83	24	200	60	16	11
4971005	40 x 1.1/2"	82	24	200	65	16	11
4971006	50 x 1.1/2"	89	24	160	80	16	11
4971007	63 x 1.1/2"	102	25	128	150	16	11
4971008	63 x 2"	108	29	128	200	16	11

PE Female Spigot Adaptor

4961



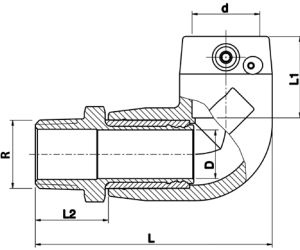
Product Code	Size d x Rp	Le1	A	SW	I	Carton	W	PN Water	SDR Gas
4961001	20 x 1/2"	41	16	30	65	800	20	16	11
4961002	25 x 3/4"	41	18	36	63	600	22	16	11
4961003	32 x 1"	44	21	46	71	400	41	16	11
4961004	40 x 1.1/4"	49	23	55	79	240	62	16	11
4961005	50 x 1.1/2"	55	24	60	88	160	80	16	11
4961006	63 x 2"	63	29	75	97	80	143	16	11

With galvanised steel reinforcing ring.

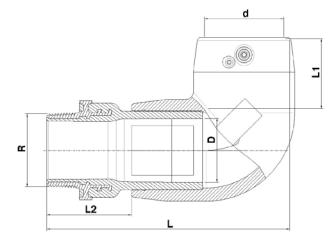
Male Transition 90° Elbow

4925

WLF



Type A



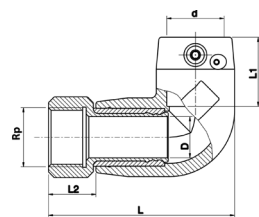
Type B

Product Code	Size d x R	Type	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4925201	20 x 1/2"	A	95	35	29	14	38	150	153	16	11	7.4-11
4925202	25 x 3/4"	A	95	37	29	19	38	120	168	16	11	7.4-11
4925203	32 x 1/2"	A	112	40	29	23	43	84	294	16	11	7.4-11
4925204	32 x 3/4"	A	112	40	29	23	43	84	262	16	11	7.4-11
4925205	32 x 1"	B	134	44	49	22	47	84	253	16	11	7.4-11
4925206	32 x 1 1/4"	A	119	40	36	23	43	60	419	16	11	7.4-11
4925207	32 x 1 1/2"	A	119	40	36	23	43	60	436	16	11	7.4-11
4925208	40 x 1"	B	142	44	49	22	47	48	458	16	11	7.4-17.6
4925209	40 x 1 1/4"	B	153	44	59	30	47	56	391	16	11	7.4-17.6
4925210	40 x 1 1/2"	A	128	44	36	29	47	48	510	16	11	7.4-17.6
4925211	40 x 2"	A	133	44	41	29	47	48	725	16	11	7.4-17.6
4925212	50 x 1"	A	142	48	34	38	52	42	624	16	11	7.4-17.6
4925213	50 x 1 1/4"	A	144	48	36	38	52	36	679	16	11	7.4-17.6
4925214	50 x 1 1/2"	B	174	49	63	35	52	36	655	16	11	7.4-17.6
4925215	50 x 2"	A	149	48	41	38	52	30	806	16	11	7.4-17.6
4925216	63 x 1 1/4"	A	167	57	36	48	59	24	985	16	11	7.4-17.6
4925217	63 x 1 1/2"	A	167	57	36	48	59	24	1040	16	11	7.4-17.6
4925218	63 x 2"	B	200	58	68	47	57	20	871	16	11	7.4-17.6

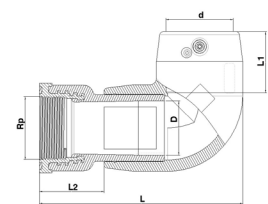
Female Transition 90° Elbow

4935

WLF



Type A



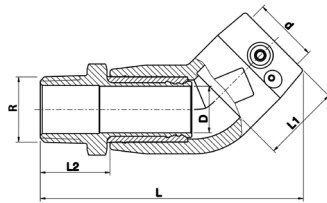
Type B

Product Code	Size d x Rp	Type	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4935201	20 x 1/2"	A	86	35	20	14	38	160	142	16	11	7.4-11
4935202	25 x 3/4"	A	89	37	23	19	38	120	160	16	11	7.4-11
4935203	32 x 1"	B	123	39	42	27	42	96	280	16	11	7.4-11
4935204	40 x 1"	A	117	44	25	29	47	48	535	16	11	7.4-17.6
4935205	40 x 1 1/4"	A	117	44	25	29	47	48	432	16	11	7.4-17.6
4935206	40 x 1 1/2"	A	117	44	25	29	47	48	453	16	11	7.4-17.6
4935207	50 x 1 1/2"	A	133	48	25	38	52	48	560	16	11	7.4-17.6
4935208	50 x 2"	A	138	48	30	38	52	40	744	16	11	7.4-17.6
4935209	63 x 1 1/2"	A	161	57	30	48	59	24	1072	16	11	7.4-17.6
4935210	63 x 2"	B	193	58	62	49	57	24	959	16	11	7.4-17.6

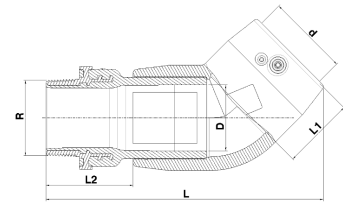
Male Transition 45° Elbow

4926

WLF



Type A



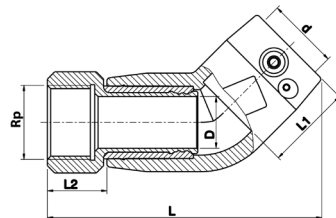
Type B

Product Code	Size d x R	Type	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4926201	32 x 1/2"	A	124	39	29	23	43	84	249	16	11	7.4-11
4926202	32 x 3/4"	A	123	39	29	23	43	84	250	16	11	7.4-11
4926203	32 x 1"	B	151	44	50	22	42	80	242	16	11	7.4-11
4926204	32 x 1 1/4"	A	130	39	36	23	43	48	479	16	11	7.4-11
4926205	32 x 1 1/2"	A	130	39	36	23	43	48	488	16	11	7.4-11
4926206	40 x 1"	B	158	48	45	22	47	80	291	16	11	7.4-17.6
4926207	40 x 1 1/4"	B	168	48	55	30	47	64	364	16	11	7.4-17.6
4926208	40 x 1 1/2"	A	144	44	36	29	47	48	510	16	11	7.4-17.6
4926209	40 x 2"	A	149	44	41	29	47	40	685	16	11	7.4-17.6
4926210	50 x 1"	A	161	49	34	38	51	48	564	16	11	7.4-17.6
4926211	50 x 1 1/4"	A	161	49	36	38	51	48	610	16	11	7.4-17.6
4926212	50 x 1 1/2"	B	185	49	63	35	52	28	530	16	11	7.4-17.6
4926213	50 x 2"	A	165	49	41	38	51	30	778	16	11	7.4-17.6
4926214	63 x 1 1/4"	A	184	57	36	48	59	24	927	16	11	7.4-17.6
4926215	63 x 1 1/2"	A	184	57	36	48	59	24	893	16	11	7.4-17.6
4926216	63 x 2"	B	215	58	68	47	57	24	820	16	11	7.4-17.6

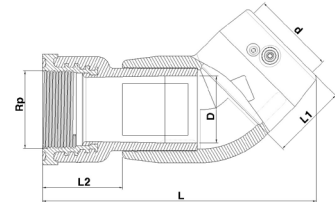
Female Transition 45° Elbow

4936

WLF



Type A

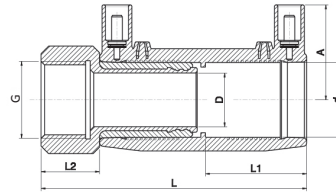


Type B

Product Code	Size d x Rp	Type	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4936201	32 x 1"	B	141	44	40	27	42	72	342	16	11	7.4-11
4936202	40 x 1"	A	133	44	25	29	47	48	510	16	11	7.4-17.6
4936203	40 x 1 1/4"	A	133	44	25	29	47	48	419	16	11	7.4-17.6
4936204	40 x 1 1/2"	A	133	44	25	29	47	48	479	16	11	7.4-17.6
4936205	50 x 1 1/2"	A	150	49	25	38	51	48	532	16	11	7.4-17.6
4936206	50 x 2"	A	155	49	30	38	51	36	702	16	11	7.4-17.6
4936207	63 x 1 1/2"	A	178	57	30	48	59	24	1019	16	11	7.4-17.6
4936208	63 x 2"	B	208	58	62	49	57	24	912	16	11	7.4-17.6

Female Free Nut Transition Coupler

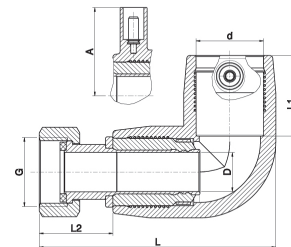
4941

WLF


Product Code	Size d x G	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4941207	20 x 3/4"	106	37	30	14	34	200	160	16	11	7.4-11
4941208	25 x 3/4"	112	40	30	14	37	140	150	16	11	7.4-11
4941209	25 x 1"	115	40	33	19	37	140	200	16	11	7.4-11
4941233	32 x 3/4"	100	39	20	14	42	100	164	16	11	7.4-11
4941210	32 x 1"	124	42	36	19	42	100	260	16	11	7.4-11
4941211	32 x 1 1/4"	124	42	36	23	42	78	310	16	11	7.4-11
4941212	40 x 1 1/4"	113	44	23	23	47	52	320	16	11	7.4-11
4941213	40 x 1 1/2"	135	47	38	29	45	52	444	16	11	7.4-11
4941214	50 x 1"	136	49	36	19	52	32	700	16	11	7.4-11
4941215	50 x 2"	141	49	41	38	52	32	709	16	11	7.4-11
4941216	63 x 2"	161	57	44	38	57	28	770	16	11	7.4-17.6
4941217	63 x 2 1/2"	166	57	49	48	57	20	1154	16	11	7.4-17.6
4941235	75 x 2 1/2"	175	66	49	48	66	-	-	16	11	7.4-17.6
4941234	90 x 2 1/2"	192	71	49	48	78	-	-	16	11	7.4-17.6

Female Free Nut Transition 90° Elbow

4945

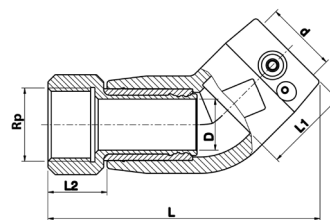
WLF


Product Code	Size d x G	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4945201	20 x 3/4"	96	35	30	14	38	140	164	16	11	7.4-11
4945202	25 x 3/4"	96	37	30	14	38	140	164	16	11	7.4-11
4945203	25 x 1"	99	37	33	19	38	105	164	16	11	7.4-11
4945204	32 x 1"	119	40	36	19	43	70	164	16	11	7.4-11
4945205	32 x 1 1/4"	119	40	36	23	43	70	324	16	11	7.4-11
4945206	40 x 1 1/2"	132	44	40	29	47	48	490	16	11	7.4-17.6
4945207	50 x 2"	149	48	41	38	52	30	779	16	11	7.4-17.6
4945209	63 x 2"	175	57	44	41	59	16	1024	16	11	7.4-17.6
4945210	63 x 2 1/2"	180	57	49	48	59	16	1245	16	11	7.4-17.6

Female Free Nut Transition 45° Elbow

4946

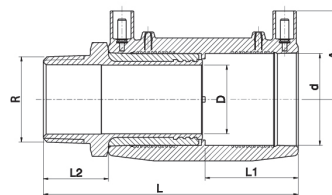
WLF



Product Code	Size d x G	L	L1	L2	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4946201	32 x 1"	131	39	36	19	43	70	164	16	11	7.4-11
4946202	32 x 1 1/4"	129	39	34	23	47	56	400	16	11	7.4-11
4946203	40 x 1 1/2"	146	44	38	29	47	48	469	16	11	7.4-17.6
4946204	50 x 2"	166	49	41	38	51	30	740	16	11	7.4-17.6
4946205	63 x 2"	189	57	41	38	59	24	164	16	11	7.4-17.6
4946206	63 x 2 1/2"	197	57	44	48	59	16	1184	16	11	7.4-17.6

PE Male Transition Coupler

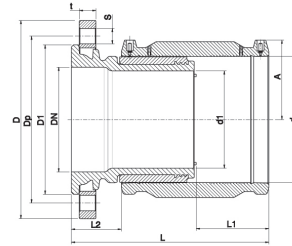
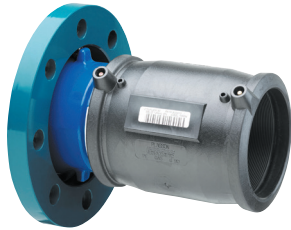
4971



Product Code	Size d x R	L	L1	D	A	Carton	W	PN Water	Pipe SDR Suitability
4971009	25 x 3/4"	113	31	18	37	200	61	16	7.4-11
4971010	32 x 1"	123	35	24	42	200	92	16	7.4-11
4971011	40 x 1"	134	37	30	46	128	146	16	7.4-11
4971012	40 x 1 1/4"	137	40	30	46	128	152	16	7.4-11
4971013	40 x 1 1/2"	137	40	30	46	128	159	16	7.4-11
4971014	50 x 1 1/2"	141	40	38	51	96	238	16	7.4-11
4971015	63 x 1 1/2"	161	44	48	57	40	371	16	7.4-17.6
4971016	63 x 2"	165	48	48	57	40	450	16	7.4-17.6

PE Cast Iron Flange Transition Coupler

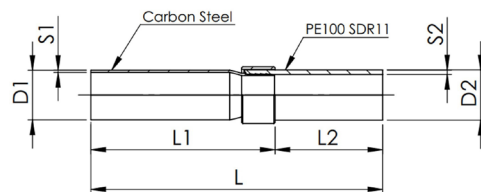
4977



Product Code	Size d x DN	A	L	L1	L2	D1	d1	D	Dp	s	t	No. of holes	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4977001	63 x 50	57	217	57	100	104	43	165	125	18	20	4	4	4200	16	11	7.4-17.6
4977002	110 x 100	79	223	80	61	159	84	220	180	18	22	8	4	7280	16	11	7.4-17.6
4977003	125 x 100	87	235	85	62	159	98	220	180	18	22	8	4	7759	16	11	7.4-17.6
4977004	160 x 150	105	268	93	73	215	125	285	240	22	24	8	1	13400	16	11	7.4-21
4977005	180 x 150	116	284	105	72	215	140	285	240	22	24	8	1	15246	16	11	7.4-17.6
4977006	225 x 200	138	314	119	74	270	176	340	295	22	26	8	1	23919	16	11	7.4-17.6

PE-Steel Weldable Transitions

4977



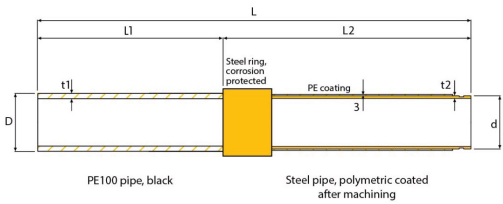
Product Code	Size D2 x DN	Steel	PE SDR (S2)	D1	L*	L1*	L2*	S1	Carton	W
4927001	32-1" (DN25)	SCH80	11	33.7	475	145	330	4.55	1	1300
4927002	40-1.1/4" (DN32)	SCH80	11	42.4	475	145	330	4.85	1	1700
4927003	50-1.1/2" (DN40)	SCH80	11	48.3	475	145	330	5.08	1	2100
4927004	63-2" (DN50)	SCH80	11	60.3	475	145	330	5.54	1	3200
4927005	63-2" (DN50)	SCH40	11	60.3	475	145	330	3.91	1	2500
4927029	90-3" (DN80)	SCH40	11	88.9	489	159	330	5.49	1	4900
4927006	110-4" (DN100)	SCH40	11	114.3	489	159	330	6.02	1	7400
4927007	125-4" (DN100)	SCH40	11	114.3	489	159	330	6.02	1	7800
4927008	160-6" (DN150)	SCH40	11	168.3	614	214	400	7.11	1	17000
4927009	200-8" (DN200)	SCH40	11	219.1	614	214	400	8.18	1	28400
4927010	250-10" (DN250)	SCH40	11	273.0	765	270	495	9.27	1	46900
4927011	315-12" (DN300)	SCH40	11	323.9	765	270	495	10.31	1	70000
4927012	355-12" (DN300)	SCH40	11	323.9	795	300	495	10.31	1	74300
4927013	400-16" (DN400)	SCH40	11	406.4	895	300	595	12.7	1	132800
4927014	560-20" (DN500)	SCH40	11	558.8	895	300	595	15.88	1	204000
4927015	630-24" (DN600)	SCH40	11	609.6	895	300	595	17.48	1	302800

*Minimum length.

Custom fittings available (dimensions, various PE SDR's and steel schedules)

PE-Steel Weldable Transitions

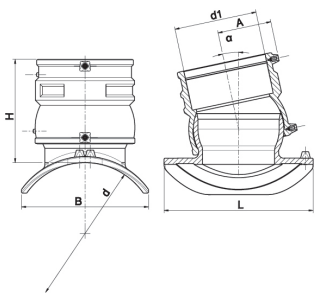
4977



Product Code	Size D x DN	d	L	L1	L2	t1	t2	Carton	W	PN Water	PE SDR
4927022	125 x 4"	114.3 (DN100)	935	400	535	11.3	6.02	1	4200	16	11
4927023	180 x 6"	165.1 (DN150)	800	400	400	16.4	5.5	1	7280	16	11
4927043	200 x 8"	219.1 (DN200)	800	400	400	18.2	8.18	1	24600	16	11
4927044	250 x 8"	219.1 (DN200)	800	385	415	18.2	8.18	1	28000	16	11
4927045	250 x 10"	273 (DN250)	800	385	415	22.7	9.27	1	33000	16	11

Wastewater Adjustable Saddle

4758

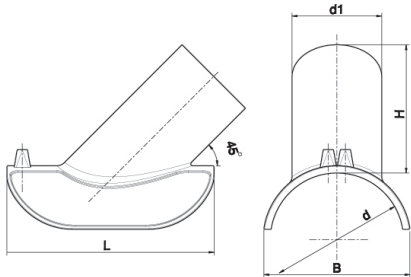


Product Code	Size d x d1	B	H	A	L	Carton	W	PN Water	Pipe SDR Suitability
4758006	200 x 160	208	202	105	290	4	2050	0.5	17-26
4758003	225-250 x 160	225	202	105	290	4	2060	0.5	17-26
4758004	280-315 x 160	247	202	105	290	4	2070	0.5	17-26
4758005	355-560 x 160	263	202	105	290	4	2080	0.5	17-26
4758007	560-710 x 160	277	202	105	290	4	2100	0.5	17-26

Requires specialised installation tool.

Wastewater 45° Saddle - Inlet 110

4758

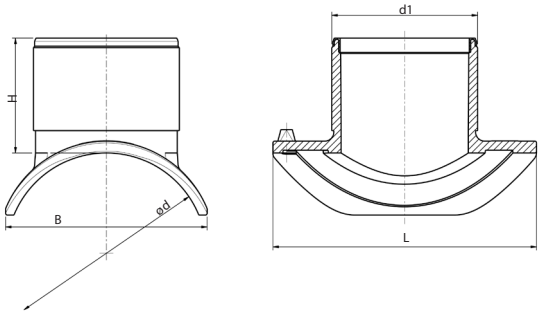


Product Code	Size d x d1	L	B	H	Carton	W	PN Water	Pipe SDR Suitability
4758001	160-200 x 110	255	182	158	10	710	0.5	11-26
4758002	225-315 x 110	255	221	158	10	656	0.5	11-26

See Tooling section for dedicated installation tools.

Wastewater Saddle Spigot Inlet

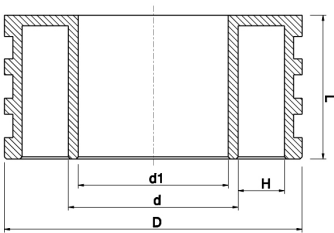
4758



Product Code	Size d x d1	B	H	L	Carton	W	PN Water	Pipe SDR Suitability
4758008	200 x 160	208	125	290	6	1091	0.5	17-26
4758009	225 - 250 x 160	225	125	290	6	1239	0.5	17-26
4758010	280 - 315 x 160	247	125	290	6	1260	0.5	17-26
4758011	355 - 560 x 160	263	125	290	6	1300	0.5	17-26
4758012	560 - 710 x 160	277	125	290	6	1310	0.5	17-26

Wastewater Manhole Adaptor

3702/4772



Product Code	Size d	L	d1	D	H	Carton	W	PN Water
4772001	160	135	141	280	39	6	2524	0.5
3702001	180	135	157	335	66	4	3550	0.5
3702002	200	135	176	355	56	2	3660	0.5
4772002	225	135	198	355	44	2	3902	0.5
3702003	250	135	220	400	54	2	3740	0.5
4772003	280	135	247	400	39	2	5027	0.5
3702004	315	135	278	450	46	2	5130	0.5
3702005	355	135	313	500	50	2	6480	0.5
3702006	400	135	353	560	59	1	8260	0.5
3702007	500	135	441	651	54	1	23600	0.5
3702008	560	135	494	705	51	1	34500	0.5
3702009	630	135	555	773	50	1	47370	0.5

SMARTFUSE APP

LIKE AN EXTRA PAIR OF HANDS ON THE JOB



Control your SmartFuse welding control box from your Smartphone with no mobile coverage needed!

Improved quality control

Fully guided weld process

Photo capture of key steps (stored with weld record)

Weld data recording including GPS location

Record and store installers for each weld



www.smartfuseapp/plasson.com.au



PLA

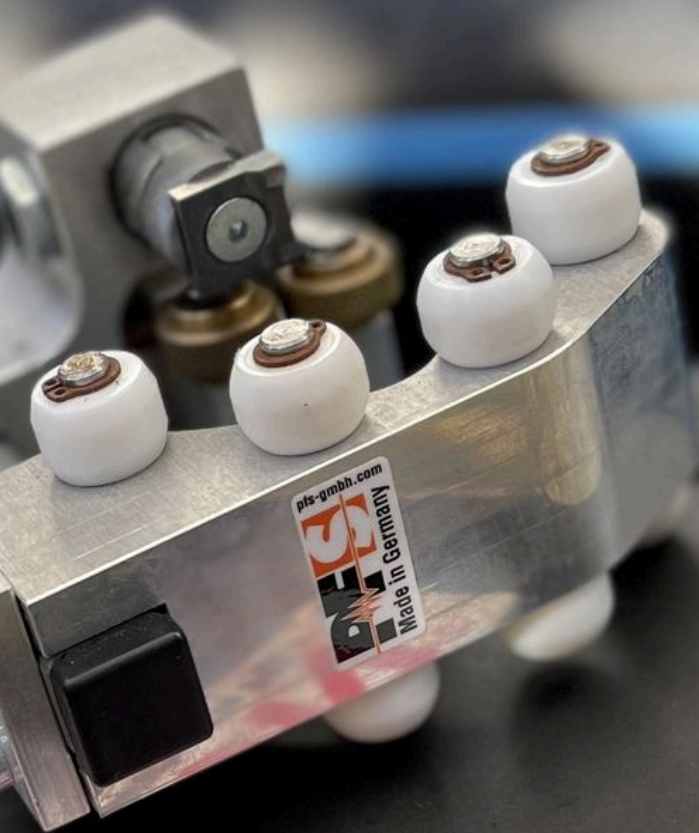
Made in Germany

... another PLASSON quality

The Plasson logo, consisting of a red square with a white stylized 'P' icon, followed by the word 'PLASSON' in white capital letters on a red rectangular background.

PLASSON

TOOLING



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Electrofusion Control Boxes



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Welding Terminal Pin Adaptors



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Parts for Universal Terminals



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Control Box Accessories and Parts



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Ruling and Marking



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Pipe Cutters



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Pipe Wipes



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Drill Powered Pipe End Peeler



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Pipe Peelers



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Rotational Pipe Peeler Tool



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Rotational Pipe End Peeler



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Uni-Peeler



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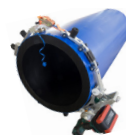
Rotational Chain Peelers



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Battery Powered Chain Peelers



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Saddle Peelers (Greater than 110mm)



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Pipe Beveller



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Alignment Clamps



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Pipe Strap Clamps



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Rounding Clamp



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Hydraulic Rounding Tools



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Rounding Tools



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Squeeze Off Tools



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Pipe Support



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Specialised Installation
Tooling for Plasson
Products



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Large Bore
Saddle Clamps



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Large Bore
Saddle Clamp Parts



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Drill and Motors



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Core Cutters



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Radius Gauge



Control Boxes

Control Box Comparison Table

Features	SmartFuse 180	SmartFuse 355	Polymatic Plus USB	Poly Max	PolyControl Plus V2
Fitting size	Up to 180mm (Sizes above 125mm require cool down time between welds)	Up to 355mm	Up to 800mm (Sizes above 355mm require cool down time between welds)	Up to 1,600mm (Sizes above 630mm require cool down time between welds)	All Sizes
Welds	Plasson Only (Able to weld other brands via SmartFuse App)	Plasson Only (Able to weld other brands via SmartFuse App)	Any Brands	Any Brands	Any Brands
Weld Tip Size	4.7/4.0mm Universal	4.7/4.0mm Universal	4.7/4.0mm Universal	4.7/4.0mm Universal	4.7/4.0mm Universal
Bluetooth	Y	Y	Y	Y	Y
Plasson SmartFuse Mode (Automatic)	Y	Y	Y	Y	Y
Manual Input of Welding Time	N	N	Y	Y	Y
Welding Voltage	40V	40V	8-48V	8-48V	8-48V
Output Current	54A Max (14 Nominal)	110A Max (30 Nominal)	110A Max (40 Nominal)	110A Max (40 Nominal)	110A Max (85 Nominal)
Data Recording	Y with App	Y with App	Y	Y	Y
Multilingual Display Messages	Y	Y	Y	Y	Y
Error Messages In Plain Text	Y	Y	Y	Y	Y
Adjustable Display Contrast	Y	Y	Y	Y	Y
Dynamic Process Supervision	Y	Y	Y	Y	Y
Auto Software Check	Y	Y	Y	Y	Y
Resistance Check	Y	Y	Y	Y	Y
Ramped Start	Y	Y	Y	Y	Y
Service Message	After 200 Hours or 12 Months	After 200 Hours or 12 Months	After 200 Hours or 12 Months	After 200 Hours or 12 Months	After 200 Hours or 12 Months
Barcode Reading Capability	Y with App	Y with App	Y	Y	Y
Fitting And Operator Traceability	Y with App	Y with App	Y	Y	Y
Earth Pin	10A	15A	15A	15A	15A
Active Cooling	N	N	N	Y	Y

MINIMUM REQUIRED GENERATOR OUTPUT POWER	
240 V, 50Hz, 1-PHASE.	
FITTING DIAMETER	OUTPUT POWER
20-160mm	3.2 kW
180-500mm	4.5 kW (Mechanically Controlled) 5 KW (Electronically Controlled)
> 500mm	6.5 kW (Mechanically Controlled) 7.5 kW (Electronically Controlled)

EXTENSION CORD	CONDUCTOR CROSS-SECTION
Up to 20m	3m x 1.5mm ²
20m - 50m	3m x 2.5mm ²

Detailed Specifications for each model available from Plasson.

Electrofusion Control Boxes

2001



SmartFuse 180



SmartFuse 355



Polymatic Plus USB



Poly Max



PolyControl Plus V2

Product Code	Description	Lead Size
2001026	SmartFuse 180	3m Fixed lead
2001001	SmartFuse 355	5m Lead
2001002	SmartFuse 355	10m Lead
2001003	SmartFuse 355	15m Lead
2001005	Polymatic Plus USB	5m Lead
2001006	Polymatic Plus USB	10m Lead
2001007	Polymatic Plus USB	15m Lead
2001045	Poly Max	5m Lead
2001008	PolyControl Plus V2	10m Fixed Lead

Welding Terminal Pin Adaptor

2003



Angled Adaptor



SmartFuse Angled Adaptor

Product Code	Description	Size
2003001	Angled Adaptor	4.0/4.7
2003002	Angled Adaptor	4.7/4.0
2003003	SmartFuse Angled Adaptor	4.7/4.7
2003004	SmartFuse Angled Adaptor	4.7/4.0
2003010	SmartFuse Angled Adaptor	4.0/4.7

Parts for Universal Terminals

2900



Product Code	Description
2900283	Welding Terminal Sleeve
2900284	Spring
2900285	Welding Terminal - Standard
2900289	Welding Terminal - SmartFuse
2900347	Terminal Kit

Control Box Accessories and Parts



2002015



2900394

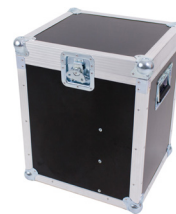
Product Code	Description
Barcode Scanners	
2002015	Barcode Scanner DL (Powerscan incl. Cable & Hooded Bag)
2900394	Barcode Scanner Touch ID for New Gen (RX Machines)



2002017



2002043



2002037

Transport Cases	
2002017	Orange Transport Case (Monomatic / Digimatic / Polymatic Plus)
2002016	Flight Case (Monomatic / Digimatic / Polymatic Plus)
2002043	Orange Transport Case For Type 2 Polymatic/Smartfuse 355/Poly Max
2002037	Flight Case For Polycontrol Plus V2



2002016

Welding Cables and Accessories		
2002001	SmartFuse 355	5m Detachable Lead
2002002	SmartFuse 355	10m Detachable Lead
2002003	SmartFuse 355	15m Detachable Lead
2002004	Polymatic Plus USB	5m Detachable Lead
2002005	Polymatic Plus USB	10m Detachable Lead
2002006	Polymatic Plus USB	15m Detachable Lead
2002007	15Amp Extension Cable	15m Power Cable
2002008	15Amp Extension Cable	30m Power Cable

Ruling and Marking

2002/2003



2003006



2003007



2002032

Product Code	Description
2003006	Magnetic Circular Pipe Ruler
2003007	Pi-Meter 20-700mm with Vernier 0.1mm
2003008	Pi-Meter 1200mm with Vernier 0.1mm
2003011	Pipe Tape 630
2002032	Marking pens broad white (12pens / 1box)
2002033	Marking pens fine white (12pens / 1box)

Pipe Cutters

2004



2004001



2004004



2004011



2004016

Product Code	Description	Size
2004001	Pipe Cutter (Single Hand) Secateur	Up to 63mm
2004002	Pipe Cutter Spare Blade for 63mm (Single Hand)	Up to 63mm
2004004	Rotational Pipe Cutter	20-75mm
2004005	Rotational Pipe Cutter Spare Blade	20-75mm
2004006	Rotational Pipe Cutter	50-140mm
2004007	Rotational Pipe Cutter	90-160mm
2004008	Rotational Pipe Cutter Spare Blade	50-140 / 90 -160mm
2004009	Rotational Pipe Cutter	32-125mm
2004011	Rotational Pipe Cutter	90-315mm
2004018	Rotary Circular Saw Kit (Max. Cutting Depth 38mm)	180-400mm
2004015	Rotary Circular Saw Kit (Max. Cutting Depth 65mm)	250-500mm
2004016	Rotary Circular Saw Kit (Max. Cutting Depth 85mm)	500-1200mm
2004017	Extension links for the 500-1200mm Rotary Circular Saw Kit.	1200-1600mm

Pipe Wipes

2005



2005017

Product Code	Description
2005017	Plasson Pipewipes

Specialised moist wipes impregnated with a high specification solution containing 70% Isopropyl Alcohol. Plasson Pipewipes ensure surfaces are clean before electrofusion jointing (peeling of pipe surface is still required). 120 sheets per canister.

Drill Powered Pipe End Peeler

2006



2006035



2006057

Product Code	Description	Size
2006035	Pipe End Peeler Powered Drill C/W Mandrels SDR11	20–75mm
2006057	Mandrels for Pipe End Peeler	20mm SDR11 Series 2 (Gas)
2006073	Mandrels for Pipe End Peeler	25mm SDR11 Series 2 (Gas)
2006063	Mandrels for Pipe End Peeler	20mm SDR17 Series 2 (Gas)
2006064	Mandrels for Pipe End Peeler	25mm SDR17 Series 2 (Gas)
2006038	Mandrels for Pipe End Peeler	20mm SDR11
2006058	Mandrels for Pipe End Peeler	32mm SDR11
2006059	Mandrels for Pipe End Peeler	40mm SDR11
2006060	Mandrels for Pipe End Peeler	50mm SDR11
2006061	Mandrels for Pipe End Peeler	63mm SDR11
2006062	Mandrels for Pipe End Peeler	75mm SDR11
2006065	Mandrels for Pipe End Peeler	25mm SDR17
2006067	Mandrels for Pipe End Peeler	32mm SDR17
2006068	Mandrels for Pipe End Peeler	40mm SDR17
2006069	Mandrels for Pipe End Peeler	50mm SDR17
2006070	Mandrels for Pipe End Peeler	63mm SDR17
2006071	Mandrels for Pipe End Peeler	75mm SDR17

Pipe Peelers

2006

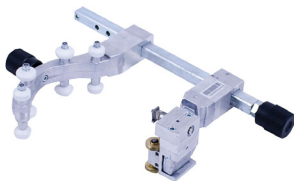


2006001

Product Code	Description	Size
2006001	Hand Peeler	Small 1.1/2"
2006002	Blades for Small Hand Peeler	Small 1.1/2"
2006003	Hand Peeler	Large 2.1/2"
2006004	Blades for Large Hand Peeler	Large 2.1/2"

Rotational Pipe Peeler Tool

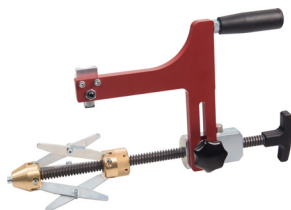
2006



2006015

Product Code	Size
2006013	20-63mm
2006014	20-125mm
2006015	90-315mm
2006012	Spare Blade for Rotational Peelers 20-63 / 20-125mm
2006016	Spare Blade for Rotational Peelers 90-315mm

Rotational Pipe End Peeler



2006017



2006074



2006086

Product Code	Description	Size
2006017	Rotational Pipe End Peeler	63 – 200mm
2006018	Rotational Pipe End Peeler	90 – 315mm
2006019	Rotational Pipe End Peeler	180 – 400mm
2006086	Rotational Pipe End Peeler	450 – 1000mm
2006020	Spare Blade for Rotational Pipe End Peeler	63 – 200mm
2006029	Spare Blade for Rotational Pipe End Peeler	90–315 / 180–400mm
2006016	Spare Blade for Rotational Pipe End Peeler	450 - 1000mm
2006074	Rotational Pipe End Peeler with 3 way rails	90 - 315
2006075	Rotational Pipe End Peeler with 3 way rails	180 - 400

Uni-Peeler

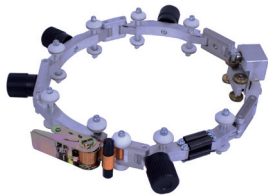


2006051

Product Code	Size
2006051	63mm
2006052	73mm
2006039	90mm
2006040	110mm
2006041	125mm
2006042	140mm
2006043	160mm
2006044	180mm
2006045	200mm
2006046	225mm
2006079	250mm
2006080	280mm
2006081	315mm
2006012	Spare Blade for Uni-Peelers 63–180mm
2006016	Spare Blade for Uni-Peelers 200–315mm

Rotational Chain Peelers

2006



2006049

Product Code	Description	Size
2006049	Rotational Chain Peeler	110-400mm
2006021	Rotational Chain Peeler	250-450mm
2006022	Rotational Chain Peeler	250-800mm
2006024	Rotational Chain Peeler	800-1200mm
2006027	Extension Links Chain Peeler	500-800mm (For 250-450mm)
2006023	Extension Links Chain Peeler	900-1000mm (For 250-800mm)
2006016	Spare Blades For Chain Peeler	All Sizes

Battery Powered Chain Peelers

2006



Product Code	Description	Size
2006047	Self Driven Battery Powered Chain Peeler (Cordless) Incl. 2 Batteries and 1 Charger	400-800mm
2006048	Self Driven Battery Powered Chain Peeler (Cordless) Incl. 2 Batteries and 1 Charger	800-1200mm
2006050	Extension Links for Powered Chain Peelers	900-1000mm (For 400-800mm)
2006055	Extension Links for Powered Chain Peelers	1400-1600mm (For 800-1200mm)
2006016	Spare Blades For Chain Peeler	All Sizes

Saddle Peelers (Greater than 110mm)

2012



2012084

Product Code	Description
2012084	Manual Saddle Peeler

Pipe Beveller

2006



2006090

Product Code	Description	Size
2006090	Pipe Beveller	20-250
2006026	Pipe Beveller	40-315
2006025	Spare Blade for Pipe Bevellers	-

Pipe Clamps

2007



2007011

Product Code	Size
2007001	16-63mm
2007002	32-110mm
2007011	63-225mm

Pipe Strap Clamps

2007



2007005



2007007

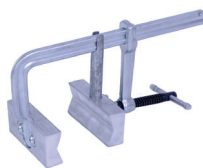
Product Code	Description	Size
2007013	Strap Clamp with hinged joint for flexible angles	63-250mm
2007005	4 pipe clamps, 2 base bars, angled adaptor 22.5°, 45°, 90° & 180°	110-560mm
2007006	Large Diameter Pipe Clamps (With 2 fixed clamps, 2 clamps required)	250-800mm
2007007	Large Diameter Pipe Clamps Set (2 complete clamps each with a pulling clamp, a fixed clamp and pulling shoes for couplers. Allows you to pull the coupler over the pipe and the opposite pipe into the coupler to complete the insertion.)	250-800mm
2007010	Large Diameter Pipe Clamps Set (2 complete clamps each with a pulling clamp, a fixed clamp and pulling shoes for couplers. Allows you to pull the coupler over the pipe and the opposite pipe into the coupler to complete the insertion.)	630-1200mm

Rounding Clamp

2008



2008001



2008047



2008013

Product Code	Description	Size
2008001	Rounding Clamp (inc adaptor)	40mm (32)
2008002	Rounding Clamp (inc adaptor)	63mm (50)
2008047	Rounding Clamps (Deforming force 0.85 tonne)	63–180mm
2008004	Rounding Clamps (Deforming force 1.2 tonne)	110–250mm
2008005	Rounding Clamps (Deforming force 2.2 tonne)	180–315mm
2008006	Rounding Clamps (Deforming force 3.5 tonne)	250–400mm
2008007	Rounding Ring	63mm
2008008	Rounding Ring	75mm
2008009	Rounding Ring	90mm
2008010	Rounding Ring	110mm
2008011	Rounding Ring	125mm
2008012	Rounding Ring	140mm
2008013	Rounding Ring	160mm
2008014	Rounding Ring	180mm
2008015	Rounding Ring	200mm
2008016	Rounding Ring	225mm
2008017	Rounding Ring	250mm
2008018	Rounding Ring	280mm

Hydraulic Rounding Tools

2008



Hydraulic Jack with Rounding Shell

Product Code	Description	Size
2008019	Hydraulic Jack	315–400mm
2008020	Hydraulic Rounding Shell	315mm
2008021	Hydraulic Rounding Shell	355mm
2008022	Hydraulic Rounding Shell	400mm
2008023	Hydraulic Jack	450–630mm
2008024	Hydraulic Rounding Shell	450mm
2008025	Hydraulic Rounding Shell	500mm
2008026	Hydraulic Rounding Shell	560mm
2008027	Hydraulic Rounding Shell	630mm
2008028	Hydraulic Jack	710–900mm
2008029	Hydraulic Rounding Shell	710mm
2008030	Hydraulic Rounding Shell	800mm
2008031	Hydraulic Rounding Shell	900mm

Rounding Tools

2008



2008033



2008048

Product Code	Description	Size
2008033	Mechanical Rounding Tool	450 – 1000mm
2008048	Hydraulic Strap Rounding Tool	450 – 710mm
2008049	Hydraulic Strap Rounding Tool - Extension	800 – 1200mm (For 450-710mm)
2008050	Hydraulic Strap Rounding Tool	450 – 1200mm

Squeeze Off Tools

2009



2009002



2009003

Product Code	Size
2009002	16 - 63mm SDR 11 Sizes: 16/20, 25, 32, 40, 50, 63mm
	SDR17 Size: 63mm
2009009	63 - 90mm SDR 11 & 17 Sizes: 63, 75, 90mm
2009003	Hydraulic 63 - 200mm (Excl. 140mm) Suits SDR 11 & 17 (incl. 2 complete stopper sets) Sizes: 63, 75, 90, 110, 125, 160, 180, 200mm

Pipe Support

2007



2007008



2007012

Product Code	Description	Size
2007008	Pipe Support	to 225mm
2007012	Pipe Support	200-1400mm

Specialised Installation Tooling for Plasson Products

2011



2011001



2011002



2012005



2015002

Product Code	Description	Size
2011001	Waste Water Clamping & Cutting Tool Set 110 Mains pipe sizes DN160-DN315. Includes: Saddle clamp unit. Cutter. Drill not included	110mm X 45° fixed outlet saddle clamp kit
2011002	Tool for Waste Water Saddle 160 Main pipe sizes DN225-DN560 Includes: Saddle clamp unit. Core drill kit	160mm Flexible Outlet Saddle Clamp Kit
2012005	Flex Restraint installation clamp	160-900mm
2012062	Flex Restraint installation clamp	160-1600mm
2015002	Sensor Saddle Kit with Plastic Adaptor Plates	110-1200mm

Large Bore Saddle Clamps

2012



2012001



2012020



2012040

Product Code	Description	Size
2012001	Large Bore Saddle Clamp Kit 250-900mm - Splitable & Incl. Straps	90 - 110 - 125 - 160
2012020	Tension Strap Kit For Saddle Clamping Plates <180mm Incl. Straps/Ratchets/Suitcase Saddle Clamp	250 - 1200MM
2012040	Splitable Clamping Plate Incl. Suitcase & Rounding Ring	180 & 200 Offtake
2012018	Splitable Clamping Plate Incl. Suitcase & Rounding Ring	225 & 250 Offtake
2012029	Splitable Clamping Plate Incl. Suitcase & Rounding Ring	280 & 315 Offtake
2012019	Splitable Clamping Plate Incl. Suitcase & Outlet Rounder	355 & 400 Offtake

Large Bore Saddle Clamp Parts

2012



2012010



2012038

Product Code	Description
2012035	Pressing Tool For Plasson Repair Saddle 250 - 900mm (Bar Only)
2012073	Pressing Tool for Plasson Saddle Outlet 400MM/PN16 FLANGE (Bar Only)
2012010	Pressure Test Pipe Removal Tool For Plasson Saddle (Ptptrt)
2012038	Adapter For Pressure Test Pump 1/2" For Plasson-Saddle

Drill and Motors

2012



2012016



2012054

Product Code	Description
2012016	Drill Be75-X3 Quick For Plasson Core Cutters
2012031	XXL Driller - Saddle Motor DN250-DN400 230v
2012054	Clamping Ring 160mm/SDR11 For XXL Driller
2012032	Clamping Ring 250mm/SDR11 For XXL Driller
2012033	Clamping Ring 315mm/SDR11 For XXL Driller
2012034	Clamping Ring 400mm/SDR11 For XXL Driller

Core Cutters

2012



2012002



2012002

Product Code	Description
2012002	Large Bore Core Drill Kit - Includes Core Cutters For Saddle Outlet 90-110-125 And 160mm
2012053	Core Cutter For Plasson Saddle 2" Outlet; Borehole 45mm Incl. Adaptor Drill And Case
2012046	Core Cutter For Plasson Saddle 90mm/Sdr11; Borehole 71mm Incl. Adaptor Drill And Case
2012047	Core Cutter For Plasson Saddle 110mm/Sdr11; Borehole 87mm Incl. Adaptor Drill And Case
2012057	Core Cutter For Plasson Saddle 125mm/Sdr11, Borehole 98mm Incl. Adaptor Drill And Case
2012055	Core Cutter For Plasson Saddle 125mm/Sdr17, Borehole 108mm Incl. Adaptor Drill And Case
2012059	Core Cutter For Plasson Saddle 160mm/Sdr11, Borehole 127mm Incl. Adaptor Drill And Case
2012050	Core Cutter For Plasson Saddle 180mm/Sdr11; Borehole 143mm Incl. Adaptor Drill And Case
2012037	Core Cutter For Plasson Saddle 200mm/Sdr11; Borehole 159mm Incl. Adaptor Drill And Case
2012044	Core Cutter For Plasson Saddle 225mm/Sdr11; Borehole 179mm Incl. Adaptor Drill And Case
2012026	Core Cutter For Plasson-Saddle 225mm/Sdr17, Borehole 196mm Incl. Adaptor Drill And Case
2012015	Core Cutter For Plasson Saddle 250mm/Sdr11; Borehole 199mm Incl. Adaptor Drill And Case
2012051	Core Cutter For Plasson Saddle 280mm/Sdr11; Borehole 223mm Incl. Adaptor Drill And Case
2012028	Core Cutter For Plasson Saddle 315mm/Sdr11; Borehole 251mm Incl. Adaptor Drill And Case
2012052	Core Cutter For Plasson Saddle 355mm/Sdr11; Borehole 283mm Incl. Adaptor Drill And Case
2012022	Core Cutter For Plasson Saddle 400mm/Sdr11; Borehole 319mm Incl. Adaptor Drill And Case

Radius Gauge

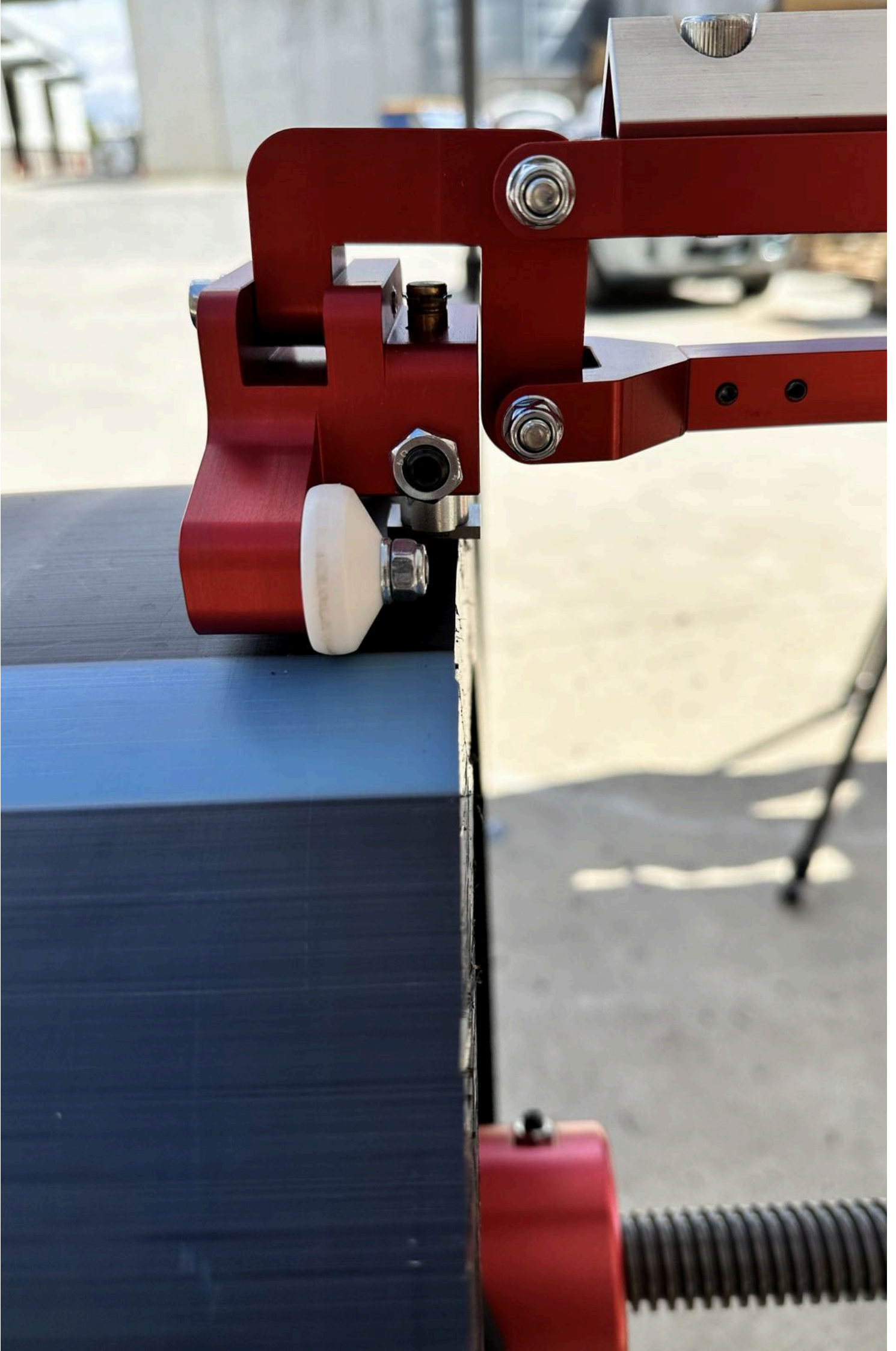
2003



2003012

Product Code	Size
2003012	250
2003013	280
2003014	315
2003015	355
2003016	400
2003017	450
2003018	500
2003019	560
2003020	630
2003021	710
2003022	800
2003023	900
2003024	1000
2003025	1200

Used to measure ovality and identify flat spots along a pipeline







INSTALLATION AND SPECIFICATIONS

Technical Specifications

Compression Fittings

Body: Polypropylene, high-grade copolymer.

Nut: Polypropylene, high-grade copolymer.

Grip Ring: Acetal POM (CPVC also available).

Seal: NBR or EPDM (FPM also available).

Reinforcing Ring: Stainless steel on all female offtakes from 1¼" up to 4".

Bolts (160mm fittings): Plated steel.

Nuts (160mm fittings): Stainless steel.

Flange dimensions in accordance with: ISO 7005-1 (TABLE 11), BS 4504: 1989 (TABLE 11), DIN 2501 (PN 16 TABLE), AS/NZS 4331. Metal backing rings to be used with all flanges.

Note: Galvanised via electroplating then protected with a proprietary passivation process.

Valves

Valves - PP (340 / 304)

Body: Polypropylene high grade copolymer.

O-Ring: NBR unless otherwise noted in product description.

Spring: (Items 03067, 03039) Stainless Steel.

Valves - PVC (1114 / 1115 / 1135)

Injection-moulded components: PVC-U.

O-Rings: EPDM.

Springs: Stainless steel 316.

Gaskets (on ball): PTFE (polytetrafluoroethylene).

Valves – Polymaide (3703)

Body & Spindle: Glass Reinforced Polyamide

Ball: Glass Reinforced Polypropylene.

Ball Seat: Polyethylene.

Handle: Polypropylene.

Seals: EPDM.

Saddles

Mechanical:

Body: Polypropylene, high-grade copolymer.

Bolts and Nuts: Varies.

Reinforcing Rings: Stainless steel.

Seal: Nitrile rubber (NBR / EPDM).

Plassaddle:

Main Nut: Glass Reinforced Polyamide

Clamp Arms: Glass Reinforced Polypropylene.

Pressurised Body: Polypropylene PPB.

Seal: EPDM.

Tapper Components:

Body and Compression nut: Polypropylene, high grade copolymer.

Grip Ring: Acetal (POM).

Seal: NBR .

Cutter: Lead Free DZR Brass.

Threaded Fittings

Body: Polypropylene, high-grade copolymer.

Reinforcing Ring: Stainless Steel.

Operating Temperatures

Refer to the PIPA POP013 guidelines.

Link: <https://pipa.com.au>

Chemical Resistance

PLASSON Fittings are supplied, as standard, with polyacetal split rings and NBR O-rings which are suitable for water. For aggressive chemical applications CPVC split rings and EPDM or FPM O-rings can be supplied to produce a higher chemical resistance.

Quality Certificates

Plasson fittings are tested and approved according to ISO 17885 (replaced ISO 14236), water and AS/NZ 4129.

Threads

All threads conform to ISO-7/1 (BSPT), BS 21 - 1973, DIN 2999, NEN 3258, AS 1722 Part 1 - 1975.

All internal (female) threads smaller than 3" are parallel (Rp).

All other threads (male and female) are tapered (R).

Plasson recommend the use of PTFE tape in threaded connections.

Installation

Before installation ensure that the end of the pipe to be inserted into the fitting is free of scratches and other imperfections and that both the pipe and the fitting itself are clean of sand, mud, stones etc.

Do not over tighten nut when closing. Never use wrenches or spanners with handle lengths longer than 46 cm - excessive torque during tightening can spread nut cone and result in pull outs. If fittings are reused, Plasson recommend replacing the grip ring with a new one.

Electrofusion

Plasson Electrofusion fittings are globally recognized as best in class. Most fittings include SmartFuse resistors built into the welding terminal, this enables automatic weld time recognition when used with a Plasson electrofusion machine.

Polyethylene: PE 100 RC.

Brass components: Lead Free DZR Brass.

Stainless Steel components: SS316.

Electrofusion fittings: Are batch controlled, record the batch number on the fitting label and contact Plasson Australia for a copy of the material datasheet / EN 10204 3.1 Inspection Certificate.

Installation:

Plasson Australia no longer publish generic how to perform electrofusion instructions. Plasson Australia recommend installation as per POP001 - Electrofusion Jointing of PE Pipe and Fittings for Pressure Applications as published by Plastics Industry Pipe Association of Australia (PIPA). This is free to download from <https://pipa.com.au>

Some products are unique to Plasson and require specialised tools or installation instructions, these products come with printed instructions included in the fitting bag.

Simona Spigot fittings

Polyethylene: PE 100 RC.

Simona spigot fittings are batch controlled, record the batch number on the fitting label and visit <https://certificates.plasson.com.au/> for a copy of the material datasheet / EN 10204 3.1 Inspection Certificate.

Backing Flanges

Galvanised flanges are hot dipped galvanised.

Stainless Steel are SS316L.

Galvanized ANSI flanges are A105 grade.

Plasson flanges are heat traced. Record the product code and heat code clearly marked on the flange and contact Plasson Australia for a copy of the heat certificate.

Compressed Air Applications

The following are the recommendations for Plasson fittings in compressed air systems with estimated design life of 50 years.

FITTING	SIZE	20°C	30°C	40°C
COMPRESSION FITTINGS	16-125mm (PN16 Water)	12.5	11.3	10.1
THREADED FITTINGS	1/2" to 2" (PN16 Water)	7.8	7	6.3
THREADED BUSHES	1/2" to 1"	7.8	7	6.3
	1.1/4" to 2"	4.8	4.4	3.9
THREADED CAPS	Up to 1.1/4"	5	4.4	3.9
TAPPING SADDLES – MECHANICAL	20 – 160mm (Includes Threaded Outlets)	7.8	7.0	6.3
ELECTROFUSION FITTINGS	20 – 400mm (PN16 Water)	12.5	11.3	10.1
	63 – 400mm Lightfit (PN10 Water)	7.8	7.0	6.3

Pressure values in BAR.

Legend

Bag	Units per bag
Carton	Units per carton
W	Weight in grams

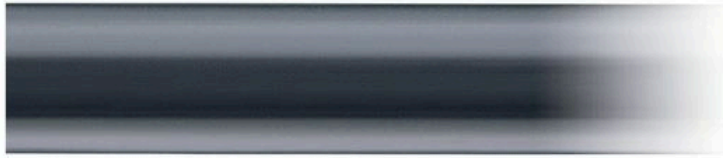
METRIC COMPRESSION

16MM - 63MM

WATCH INSTALL
INSTRUCTIONS

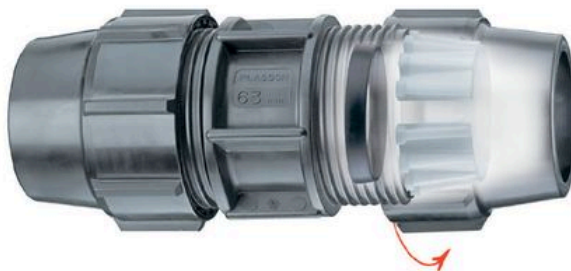


1



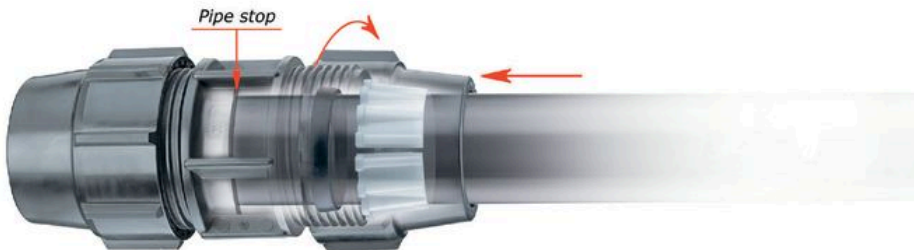
CUT PIPE SQUARE, CHAMFER END OF PIPE AND APPLY SILICON-BASED LUBRICANT TO MAKE INSTALL EASIER AND AVOID POTENTIAL DAMAGE TO THE CAPTIVE O-RINGS

2



BACK THE NUTS OFF SEVERAL TURNS BUT DO NOT REMOVE THE NUT FROM THE FITTING BODY

3



INSERT PIPE INTO FITTING WITH A TWISTING MOTION PAST THE GRIP RING AND O-RING UNTIL IT HITS THE END STOP

4



FOR 16-32MM HAND-TIGHTEN AND FOR 40-63MM HAND-TIGHTEN AND USE WRENCHES TO DO UP A FURTHER HALF TURN

METRIC COMPRESSION

63MM MINE

75MM - 125MM

WATCH INSTALL
INSTRUCTIONS



1



REMOVE NUT AND PUT GRIP RING ASIDE

PLACE NUT, BUSH AND O-RING ON PIPE TWO DIAMETERS
BACK FROM END

LUBRICATE PIPE AND O-RING

2



PUSH THE PIPE FULLY ONTO FITTING BODY UP TO END STOP

PUSH THE O-RING AND BUSH UP AGAINST FITTING BODY

**NOTE: THE O-RING AND BUSH WILL NOT ENTER THE FITTING
BODY**

3



TIGHTEN NUT TO PUSH BUSH AND O-RING INTO FITTING
UNTIL BUSH IS FLUSH WITH FITTING MOUTH

NOTE: THE GRIP RING IS STILL NOT INSTALLED AT THIS POINT

4



UNDO NUT AND SLIDE BACK ALONG PIPE

INSTALL GRIP RING TO LUGS ARE TOUCHING BUSH

**NOTE: IF REINSTALLING FITTINGS DESTROY OLD GRIP RINGS
AND REPLACE WITH NEW ONES TO ENSURE FIRM BITE**

5



FIRMLY HAND-TIGHTEN PLUS A 1/2 TURN WITH WRENCHES
MAXIMUM HANDLE LENGTH: 45CM

NOTE: OVER-TIGHTENING NUTS CAN CAUSE BLOWOUTS

RURAL COMPRESSION

1/2" - 2"



1



PLACE NUTS AND GRIP RINGS ON PIPE ENDS

2



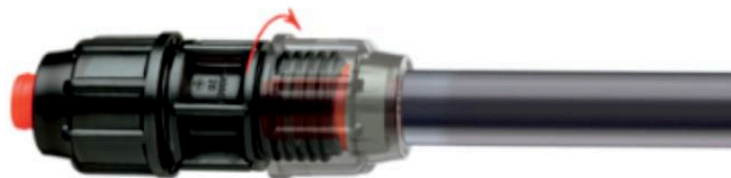
PUSH RED BARBED INSERT INTO PIPE & FITTING

3



SLIDE NUTS & GRIP RINGS UP TO FITTING BODY

4



DO BOTH NUTS UP BY HAND UNTIL FIRMLY TIGHT

NOTE: USING WRENCHES MAY LEAD TO OVER-TIGHTENING WHICH CAN RESULT IN BLOW OUTS

Reference Guides and Charts

Standard Dimension Ratios (SDR's) For Series 1 Pe Pipes And Equivalent Pressure Rating In Bar

Compound	PN3.2	PN4	PN6.3	PN8	PN10	PN12.5	PN16	PN20	PN25
PE80	41	33	21	17	13.6	11	9	7.4	-
PE100	-	41	26	21	17	13.6	11	9	7.4

Standard Pipe Colour Chart

Colour	Common Use
Blue	Water
Orange	Electrical Conduit
Yellow	Gas - PE100
Red	Fire Service Water
Green	Imperial Rural / Raw Water
Purple	Recycled / Reclaimed Water
Cream	Pressure Sewer

Maximum Allowable Operating Pressure – PE100 (Ref PIPA POP013)

Temp (°C)	Min Life (YR)	Design Factor	PN4 / SDR41	PN6.3 / SDR26	PN8 / SDR21	PN10 / SDR17	PN12.5 / SDR13.6	PN16 / SDR11	PN20 / SDR9	PN25 / SDR7.4
20	100	1.0	40	64	80	100	127	160	200	250
25	100	1.1	36	58	73	91	115	145	182	227
30	100	1.1	36	58	73	91	115	145	182	227
35	50	1.2	33	53	67	83	106	133	167	208
40	50	1.2	33	53	67	83	106	133	167	208
45	35	1.3	31	49	62	77	99	123	154	192
50	22	1.4	29	46	57	71	91	114	143	179
55	15	1.4	29	46	57	71	91	114	143	179
60	7	1.5	27	43	53	67	85	107	133	167
80	1	2.0	20	32	40	50	63	80	100	125

Information correct when printed. To ensure you are using the most up to date data for the Industry Guidelines POP013 visit the PIPA Website <https://pipa.com.au/technical/pop-guidelines>

Rural Poly Pipe (Class B) | Imperial Type Class C&D (ASK119)

Size Nominal	Rural (B)		Class C 900 kPa (130 PSI) No Longer Manufactured		Class D 1200 kPa (173 PSI) No Longer Manufactured	
	BORE MM	WALL THICKNESS MM	BORE MM	WALL THICKNESS MM	BORE MM	WALL THICKNESS MM
1/2"	12.7	1.7	12.7	1.7	12.7	1.8
3/4"	19.0	1.7	19.0	1.9	19.0	2.7
1"	25.4	1.7	25.4	2.6	25.4	3.5
1 1/4"	31.6	2.1	31.6	3.3	31.6	4.4
1 1/2"	38.0	2.5	38.0	3.9	38.0	5.3
2"	50.8	3.4	50.8	5.2	50.8	7.1

Dimensions are mean sizes only.



 **PLASSON**

TERMS AND CONDITIONS



Terms and Conditions

1. DEFINITIONS & INTERPRETATION

"Agreement" means the agreement for supply of Goods between PLASSON and the Customer of which these "Conditions of Sale" form part.

"Business Day" means a day other than a Saturday, Sunday, public holiday or bank holiday in Sydney, New South Wales.

"Charges" includes all monies payable by the Customer to PLASSON in relation to the supply of Goods. "Confirmation of Order" means a written document which sets out a description of the Goods, the Charges and other necessary terms and which may include details of the Customer's offer to purchase the Goods.

"Customer" means the entity which orders Goods from PLASSON or to which Goods are delivered by PLASSON and includes the Customer's agents and permitted assigns.

"Ex Works" has the same meaning as is ascribed to that term in Incoterms 1990.

"Goods" means the goods purchased or ordered by the Customer from Plasson and includes parts and supplies which may subsequently be supplied under any warranty given in relation the Goods.

"GST" means goods and services tax imposed in Australia by the GST law.

"PLASSON" means PLASSON Australia Pty Ltd ACN 053 788 891, its agents and assigns.

"Permitted Security Interest" means any security interest which PLASSON consents to or otherwise agrees in writing with the Customer will be a Permitted Security Interest for the purposes of these terms and conditions.

"Persons" includes corporations, partnerships and unincorporated associations.

"PPSA" means the Personal Property Securities Act 2009 (Cth) as amended. "PPSR" means the Personal Property Security Register. "Purchase Money Security Interest" has the meaning prescribed to it in the PPSA. "Security Interest" has the meaning prescribed to it in the PPSA and includes any security interest under the PPS Act.

Words importing the singular number shall include the plural and vice versa.

2. CONDITIONS

These Conditions of Sale apply to all agreements for the supply of Goods by PLASSON and if revised by PLASSON and the Customer is notified of the revised Conditions of Sale the revised Conditions of Sale shall be incorporated into every subsequent agreement for purchase of Goods by that Customer from PLASSON.

3. QUOTATIONS AND ENTRY INTO AGREEMENT

- 3.1. No brochure, catalogue, price list, quotation or other communication published or forwarded by PLASSON to the Customer, whether in writing or not, shall constitute anything other than an invitation by PLASSON to the Customer to do business and shall not represent that the Goods or Charges referred to in them shall be available to the Customer. Any purchase order placed by the Customer with PLASSON constitutes only an offer to purchase Goods. Notwithstanding any prior communication between PLASSON and the Customer, there shall be no obligation by PLASSON to accept an offer to purchase Goods made by a Customer. The Customer's offer is only accepted by PLASSON issuing a Confirmation of Order to the Customer.
- 3.2. In the event of any inconsistency between the Customer's purchase order or other request and PLASSON's Confirmation of Order (which includes these Conditions), the terms of the Confirmation of Order shall prevail.
- 3.3. Unless otherwise stated in the Confirmation of Order prices quoted are exclusive of GST and the Customer is required to pay any GST payable by PLASSON in respect to the supply of Goods at the same time as the price is required to be paid by the Customer to PLASSON.

4. FUNCTIONALITY AND PERFORMANCE

- 4.1. All information, specifications or other data provided by PLASSON in relation to the Goods represent approximations only and small deviations or slight variations from them which do not substantially diminish the functionality or performance of the Goods will not entitle the Customer to reject the Goods.
- 4.2. Information provided by PLASSON in relation to the performance of Goods represents only a guide as to the performance of the Goods under optimum operating conditions.
- 4.3. Without limiting the operation of Clause 4.2, PLASSON may at its sole discretion provide the Customer with training manuals and other materials in relation to the Goods. PLASSON gives no representation or warranty as to the accuracy of such materials or the use of them by the Customer.

5. CHARGES

- 5.1. The Customer shall pay to PLASSON all Charges within thirty (30) days from the date of the Invoice without reduction or deferment on account of any claim, counterclaim or setoff.
- 5.2. The Customer acknowledges that the cost of transportation and freight for the Goods is not included in the Charges and the Customer shall pay a reasonable additional fee for such costs. All other charges such as duty, insurance and taxes and other related expenses shall unless otherwise agreed in writing) be paid by the Customer.
- 5.3. Should the Customer fail to pay any amount when due to PLASSON, the Customer shall be liable to pay to PLASSON without demand interest thereon at the rate of 1% above the rate charged on commercial overdraft accounts in excess of \$100,000.00 applicable from time to time and charged by PLASSON's bankers as nominated by PLASSON at the relevant time. Interest payable hereunder shall be compounded monthly and calculated from the due date for payment to the date upon which payment is actually made.
- 5.4. Notwithstanding anything else appearing in the Agreement, all Charges shall immediately become due if the Customer

shall fail to make any payment when due or shall become subject to the bankruptcy laws or enter into any composition with its creditors or enter into any liquidation or suffer a receiver or receiver and manager to be appointed for all or part of its assets.

- 5.5. Where payment of the Charges or part of the Charges is due prior to delivery of the Goods and where the Customer fails to make such payment, PLASSON may withhold delivery and give the customer a notice requiring payment to be made within seven days. Should the Customer fail to make the payment which is due within the time required by the notice, PLASSON may terminate the Agreement.

6. PROPERTY OF GOODS PURCHASED

- 6.1. No legal or equitable title to the Goods shall pass to the Customer until payment in full has been made by the Customer not only of all Charges for all Goods the subject of the Agreement (unless waived in writing by PLASSON) but also until payment has been made of all Charges for all goods previously supplied by PLASSON to the Customer.
- 6.2. Until the legal and equitable title to the Goods passes to the Customer, the Customer shall:
- (a) Hold the Goods as bailee of PLASSON returnable at will and without prior demand by PLASSON;
 - (b) Store the Goods in such a manner as enables them to be readily identified and distinguished from all other goods held by the Customer and, where such other goods include goods previously supplied by PLASSON to the Customer and in respect of which title has passed to the Customer, then the Customer shall attach to the Goods in respect of which title has not passed a notice indication that the Goods are held as bailee for PLASSON;
 - (c) Upon demand by PLASSON immediately deliver up the goods to PLASSON; and
 - (d) Authorise and the Customer does here by authorise PLASSON to enter upon the premises upon which the Goods are stored for the purpose of taking possession of them.

7. SERVICE

Some Goods may require recalibration annually or at other periods nominated by PLASSON. The Customer may at its own cost transport and deliver the Goods to and from PLASSON's nominated premises from time to time. On receipt of the Goods, PLASSON agrees to recalibrate the Goods (if necessary) provided that the Customer pays PLASSON its then current service charges in respect of such recalibration.

8. INTELLECTUAL PROPERTY LICENCE

PLASSON hereby grants to the Customer a nonexclusive licence to use any software or firmware used in connection with the Goods and supplied by PLASSON. The licence shall be subject to any terms and conditions imposed by PLASSON or the owner of copyright in the software or firmware.

9. FINANCIER

- 9.1. If PLASSON sells the Goods to a third-party financier (the "Financier") at the request of the Customer, then PLASSON agrees to grant the licence referred to in Clause 8 to the Customer.
- 9.2. The Customer represents and warrants to PLASSON that if PLASSON sells the Goods to a Financier at the request of the Customer, the Customer shall continue to be bound by all of the terms of the Agreement as if the Customer continued to be the legal and equitable owner of the Goods.

10. DELIVERY AND RISK

- 10.1. The Goods are sold on an Ex Works basis: delivery of the Goods will occur when the Goods are placed at the disposal of the Customer at PLASSON's premises and risk of loss or damage to the Goods then passes to the Customer. In these circumstances, PLASSON may agree to arrange carriage of the Goods for the Customer but will do so as the agent for the Customer and delivery will occur and risk will pass when the Goods are placed at the disposal of the carrier. The Customer shall pay to PLASSON its Charges for carriage incurred upon the Customer's behalf.
- 10.2. Delivery dates represent only an estimation of the date of delivery of the Goods and are not binding on PLASSON. Nothing in the Confirmation of Order shall be construed as making time of the essence in the Agreement unless it is expressly stated to be so.
- 10.3. PLASSON reserves the right to deliver the Goods by instalments and to invoice the Customer for each instalment of Goods delivered where, in the opinion of PLASSON, it is reasonable to do so.
- 10.4. Failure by the Customer to pay for any instalments, or any other amounts when due, shall entitle PLASSON to withhold or delay delivery of any remaining Goods.
- 10.5. If PLASSON determines that it is or may be unable to deliver the Goods within a reasonable time or at all, PLASSON may at its sole discretion terminate the Agreement. In the event of termination the Customer shall have no claim against PLASSON for any damage, loss or expense whatsoever.
- 10.6. If PLASSON is unable to effect delivery, PLASSON may store the Goods and charge the Customer for all costs and expenses associated with such storage and delayed delivery.
- 10.7. Subject to any express warranty provided in writing by PLASSON to the Customer, failure by the Customer to notify PLASSON within seven days of delivery that the Goods are not in accordance with their description in the Confirmation of Order shall constitute an unqualified acceptance of the Goods and a waiver by the Customer of all claims with respect to the Goods.

If at any point the Customer not completely satisfied with Goods, it is necessary for the Customer to bring this to PLASSON'S attention immediately by contacting PLASSON using the following details:

Attn.: Nelli Sullivan

Plasson Australia Pty Ltd ACN 053 788 891
Suite 2.03 Green Central, 61 Dunning Avenue, Rosebery NSW 2018
NSullivan@plasson.com.au

- 10.8.** In arranging carriage, storage, insurance and forwarding of the Goods PLASSON shall at all times be acting as the Customer's agent and all Charges in relation to same shall be reimbursed by the Customer. This clause shall also apply to any partial delivery of the Goods.
- 10.9.** Any Goods returned to PLASSON by the Customer other than Goods incorrectly supplied, or Goods with major defects will only be accepted by PLASSON on condition that:
- (i) a re-stocking fee of 25% of the Charges applicable to the Goods plus GST and return freight charges are paid by the Customer to PLASSON; and
 - (ii) delivery by the Customer of a Return Authority from PLASSON; and
 - (iii) the Goods are of merchantable quality.

11. IMPLIED TERMS AND LIMITATION OF LIABILITY

- 11.1.** Where conditions, warranties or other rights for the benefit of the Customer are implied or given in respect of the Agreement by Competition and Consumer Act, 2010 and / or the Sales of Goods Act 1896 (as amended) or other laws and it is not lawful or possible to exclude the same, then such conditions, warranties or other rights shall (but only to the extent required by law) apply to the Agreement.
- 11.2.** PLASSON'S Goods come with guarantees that cannot be excluded under the Australian Consumer Law. The Customer is entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. The Customer is also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.
- 11.3.** To the extent permitted by law and the Goods are not of a kind ordinarily acquired for household use or consumption, liability of PLASSON for breach of this contract by PLASSON or negligence of PLASSON or for breach of any conditions or warranty implied by the Competition and Consumer Act, 2010 and / or the Sales of Goods Act 1896 (as amended) shall be limited to one of the following at PLASSON's option:
- (a) the replacement of the Goods or the supply of equivalent Goods; or
 - (b) the repair of the Goods; or
 - (c) the payment of the costs of replacing the Goods or of acquiring equivalent Goods;
 - (d) the payment of the cost of having the Goods repaired; and in the case of services supplied to one of the following (as PLASSON may determine): (1) the supplying of the services again, or (2) the payment of the costs of having the services supplied again.
- 11.4.** Save as expressly provided in any written warranty provided in writing by PLASSON to the Customer and in and to the extent permitted by law and notwithstanding any implication arising from any other clauses in the Agreement, for Goods that are not of a kind ordinarily acquired for household use or consumption PLASSON shall not be liable to the Customer or any person claiming under it in contract or in tort for, or in respect of, any indirect or consequential loss, damage, expense or injury suffered by the Customer or any other person whatsoever, arising out of, in connection with or relating to the performance, non-performance or any breach of the Agreement (including, by way of illustration and not in limitation, liability due to the negligence or wilful default of PLASSON) or any matter relating to the Agreement or any error (whether negligent or not) in information supplied to the Customer before or after the date of the Agreement in connection with its subject matter. "Consequential loss" shall include but not be limited to loss of profit, use or good will (or similar financial loss), payment made or due to any other person and any loss or damage caused by delay in the performance of any obligation, together with any expenses incurred by the Customer in connection therewith, arising therefrom or incurred in mitigation or attempted mitigation of such loss or damage.
- 11.5.** Clause 11.4 shall apply to all express warranties provided in writing by PLASSON except to the extent that those warranties specifically provide otherwise.
- 11.6.** Where any law implies into the Agreement a condition that the Goods are of merchantable quality, and the Goods are purchased by the Customer for particular purpose, the Goods will not be considered by the Customer as being fit for any other purpose, whether or not that other purpose is one for which goods of that kind are commonly bought.

12. DEPOSIT

- 12.1.** Where PLASSON agrees to supply Goods upon the condition that a deposit of part or all of the charges is paid prior to delivery ("the Deposit"), in the event that the Customer terminates the Agreement or fails to take delivery of the Goods or is otherwise in breach of its obligations to PLASSON so that PLASSON is entitled to terminate the Agreement, the Customer shall forfeit ten per cent of the Deposit to PLASSON for PLASSON's benefit and PLASSON shall refund the balance to the Customer.
- 12.2.** The forfeiture of the Deposit shall not be deemed any limitation, in damages or otherwise including damages for loss of profits, of the liability of the Customer to PLASSON.

13. TERMINATION

In addition to the rights of termination provided in the above conditions, PLASSON may terminate the Agreement upon the occurrence of any of the following events:

- (a) Failure by the Customer to perform any obligation of this Agreement where such failure is not rectified within 30 days of notice from PLASSON requesting rectification.
- (b) The Customer becomes bankrupt or an order is made or a resolution is passed for the winding up of the Customer or a ground arises on which a court may order its winding up or upon which a meeting may rely for the purposes of placing the Customer under official management or an inspector is appointed to investigate its affairs or it proposes to or enters into any arrangement, scheme, reconstruction or composition with creditors.
- (c) A receiver of receiver and manager of the Customer's assets, income or business or any part thereof is appointed, or a mortgagee goes into possession thereof and such appointment is not terminated, or such possession does not cease within fourteen days.
- (d) The Customer shall fail to pay its debts as they shall fall due or cease or threaten to cease to carry on business or sell, assign, transfer the whole or any part of its undertaking or assets otherwise than in the ordinary course of business.

- (e) The Customer purports to assign its rights under the Agreement.
- (f) Any event occurs outside the reasonable control of PLASSON which in PLASSON's estimate makes it impracticable or impossible for it to fulfil its obligation under the Agreement.

14. FORCE MAJEURE

- 14.1. PLASSON will not be liable for any loss or damage suffered by the Customer due to any delay or any breach or default under the Agreement in circumstances where such delay, breach or default results from causes beyond PLASSON's reasonable control including but not limited to any breach or default under the Agreement by the Customer, compliance with any laws, regulations, orders, acts, instructions or priority requests of governments, acts of God, fires, floods, weather, strikes, lockouts, factory shutdown or alterations, embargoes, wars, riots, delay or shortage in transportation or inability to obtain labour, manufacturing facilities, electricity, oil or other materials from PLASSON's or the Manufacturer's usual sources.
- 14.2. Any delay resulting from such cause shall immediately extend the delivery date by the period of delay in which event the Customer shall take, if necessary, steps to secure payment for the Goods.

15. MISCELLANEOUS

- 15.1 Any indulgence, latitude or extension of time which PLASSON may show towards the Customer in relation to any of the provisions of the Agreement or any matter or thing relating thereto or arising therefrom shall not in any way prejudice or interfere with PLASSON's rights under the Agreement and shall not be claimed to constitute a waiver thereof.
- 15.2 The Customer acknowledges that no oral terms or representations form part of the Agreement unless they have been reduced to writing and signed by PLASSON prior to entering into the Agreement.
- 15.3 Any notice to be given to a party shall be in writing and shall be sent by post, email or facsimile to the address of that party as shown in the Confirmation of Order or as subsequently notified by that party to the party giving the notice and shall be deemed to have been given:
 - (a) in the case of post, 5 Business Days after the date of posting (or 10 Business Days in the event that the Customer is located outside of Australia;
 - (b) in case of email, on the day and at the time the email is sent unless a delivery failure notification is received by the sender within 4 hours of sending the email; and
 - (c) in the case of hand delivery, when delivered.
- 15.4 The Agreement shall be governed by the laws of New South Wales and the parties agree to submit to the jurisdiction of the Courts for that State.
- 15.5 In the event of PLASSON seeking to recover any amount due from the Customer or to enforce any of its other rights under the Agreement, the Customer undertakes to pay to PLASSON any costs incurred by PLASSON in so doing, including any legal costs incurred on the solicitor and own client basis.

16. SECURITY INTEREST

- (a) The Customer hereby acknowledges that these terms and conditions of sale constitute a security agreement which creates a Security Interest in favour of PLASSON in all present and after acquired property of the Customer including Goods supplied by PLASSON to the Customer and all after acquired Goods supplied to the Customer by PLASSON (or for the Customer's account) to secure the payment from time to time for Goods, including future advances.
- (b) The Customer agrees to grant to PLASSON:
 - (i) a Purchase Money Security Interest in relation to any Goods supplied by PLASSON to the Customer; and
 - (ii) a Security Interest in all of its present and after acquired property in which Goods supplied or financed by PLASSON have been attached or incorporated, including any Commingled Goods and in any proceeds of sale of Goods.

17. GENERAL COVENANTS

- (a) Until such time as payment in full has been received by PLASSON from the Customer in respect to an Order, the Customer covenants to PLASSON not to create, cause or permit to exist any other Security Interest over any Goods the subject of the applicable Order, other than a Permitted Security Interest and covenants that it shall comply with the terms of each Permitted Security Interest binding on it in respect of the relevant Goods from time to time and shall ensure that:
 - (i) there is no increase in the amount secured under a Permitted Security Interest (excluding any part of a Permitted Security Interest which is a purchase money security interest); and (ii) there is no variation to a Permitted Security Interest that increases the collateral the subject of the Permitted Security Interest, other than in the case of a purchase money security interest, without obtaining the prior written consent of PLASSON.
- (b) The Customer covenants to PLASSON that it shall sign anything and do anything PLASSON requires to further or more effectively secure PLASSON's rights over the applicable Goods or under these terms and conditions. This includes anything PLASSON requires in order for it to: (i) register and maintain (including renew before expiry) one or more financing statements in relation to any Security Interest in the relevant Goods created by these terms and conditions and/or any Order;
 - (ii) remove any financing statement which is registered against the Customer or in relation to a Security Interest which is not a Permitted Security Interest; and (iii) obtain possession or control of any Goods for the purposes of perfecting any Security Interest in that property by possession or control for the purposes of the PPSA.
- (c) The Customer waives its rights to receive a verification statement in respect of any financing statement or financing change statement registered by or on behalf of PLASSON under the PPSA to the extent permitted by the PPSA and agrees to that as between PLASSON and the Customer will have no rights under (or by reference to) sections 95, 96, 117, 118, 120, 121(4), 123, 125, 126, 128, 129, 130, 132(3)(d), 132(4), 134(1), 135, 142 and 143 of the PPSA.



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