



ELECTROFUSION

Product Catalogue



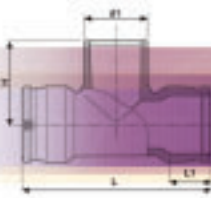
 **PLASSON®**



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PLASSON, a worldwide leader in fittings for polyethylene pipes for over 40 years, now offers a complete line of ElectroFusion products including: Plasson ElectroFusion fittings, tools and control boxes. Plasson ElectroFusion products combine to offer a reliable smart-system solution featuring fully computerized control and monitoring.

PLASSON's customers benefit from the Company's quality products, expertise and worldwide first-rate service in water, gas distribution and industrial applications.



ElectroFusion

Plasson ElectroFusion System

The Smart-System Solution You Can Depend On

Plasson ElectroFusion Fittings

Plasson fittings are specifically designed for reliable, high performance pipe joining and long system life. This automated system has been proven to be most economical due to the low potential for operator error.

Tools and Control Box

Plasson offers quality tools and control boxes allowing for easy installation. Plasson control boxes provide computerized electrofusion with minimal potential for operator error. The Plasson control boxes are the economical solution for reliable electrofusion.

The Smart System-Plasson ElectroFusion

All Plasson products combine to form the latest state-of-the-art high performance pipe-joining solution. Plasson ElectroFusion fittings are part of a complete electrofusion smart system. The entire electrofusion process is executed and fully monitored by the computerized control box. Everything is computer-controlled ensuring safe, dependable connections.

Plasson ElectroFusion fittings can be used with Plasson's computerized smart-system control box or with standard barcode systems. Each Plasson-ElectroFusion fitting comes complete with a barcode.

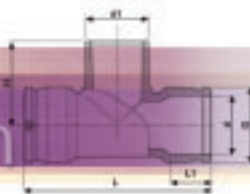
Plasson ElectroFusion Smart System Features

- **Superior Fitting Design**
increases joint integrity
- **Automatic Controller**
decreases potential operator error
- **Computerized Data Retrieval**
ensures quality control by Joint Data retrieval of measurements and records
- **Compatibility**
between Plasson ElectroFusion and other electrofusion systems through the computerized barcode system
- **Easy Installation**
using PLASSON's simple practical tools
- **High Standards**
are ensured by the latest product testing methods

Advantages

- **Stronger Pipe Joining**
Plasson ElectroFusion quality fittings have long penetration depths and fusion zones which ensure high quality joints.
- **Most Economical**
Economic benefits are a result of overall integrated system quality and innovation including the computerized smart system which reduces the potential for operator error.
- **High Performance**
Proven high performance in gas and water distribution and industrial applications.
- **Superior Service**
Plasson provides unmatched service based on over 40 years in the field.





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Tapping Saddle

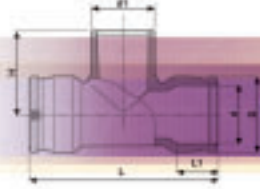


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ElectroFusion

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Flange Adaptor



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Wastewater Manhole Adaptor

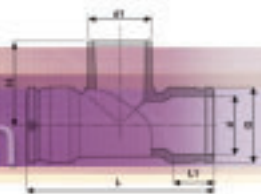


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Installation Tools



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Coupler

49014


d	Weight	Quantity
20	48	480
25	38	480
32	60	288
40	98	176
50	150	132
63	230	72
75	344	48
90	567	41
110	807	23
125	1004	18
140	1339	10
160	1822	6
180	2553	4
200	3260	4
225	4260	4
250	5520	2
280	6140	1
315	8720	1
355*	10200	1
400*	13800	1

Long Coupler

49016

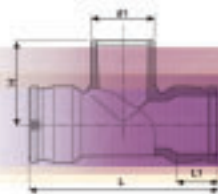

d	Weight	Quantity
32	76	288
40	133	128
50	206	96
63	319	48

LightFit Coupler (pn10)

36014


d	Weight	Quantity
63	160	112
75	230	60
90	352	41
110	544	23
125	727	18
140	910	10
160	1350	6
180	1618	5
200	2100	4
225	2780	4
250	3728	2
280	5395	1
315	6802	1
355	8544	1
400	12000	2

* Available Soon



ElectroFusion

Reducing Coupler

49114



dx d1	Weight	Quantity
25 x 20	64	480
32 x 20	55	360
32 x 25	55	360
40 x 32	93	160
50 x 32	123	128
50 x 40	136	128
63 x 32	225	80
63 x 40	192	60
63 x 50	225	60
75 x 63	310	65
90 x 50	430	41
90 x 63	440	41
110 x 63	627	23
110 x 90	695	23
125 x 90	1019	18
125 x 110	1025	18
160 x 90	1440	10
160 x 110	1520	10
160 x 125	1570	8
180 x 125	2060	6

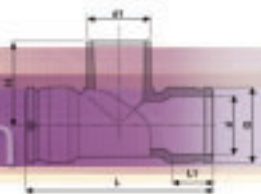
Spigot Reducer

49117



dx d1	Weight	Quantity
32 x 25	30	240
40 x 32	47	240
50 x 40	80	160
50 x 32	55	264
63 x 32	105	144
63 x 40	110	144
63 x 50	125	128
75 x 40	167	96
75 x 50	175	96
75 x 63	195	72
90 x 50	258	56
90 x 63	275	48
90 x 75	320	40
110 x 63	455	36
110 x 75	446	36
110 x 90	505	28
125 x 75	605	24

dx d1	Weight	Quantity
125 x 90	805	24
125 x 110	800	18
140 x 90	815	16
140 x 110	935	16
140 x 125	1000	16
160 x 110	1145	18
160 x 125	1210	16
160 x 140	1240	12
180 x 125		10
180 x 140	1600	10
180 x 160	1756	8
200 x 140	2002	6
200 x 160	2160	6
200 x 180	2330	6



Monolithic End Cap

49424



d	Weight	Quantity
32	50	432
40	76	256
50	122	192
63	182	96

End Cap

49124



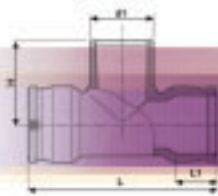
d	Weight	Quantity
20	49	400
25	38	400
32	77	288
40	128	160
50	200	120
63	331	60
75	496	40
90	825	30
110	1250	20
125	1680	15
140	2150	10
160	2980	6
180	4100	4
200	5260	4
225	7260	2
250	9440	1
280	11120	1
315	14930	1

Spigot End Plug

49127



d	Weight	Quantity
20	8	2000
25	11	1600
32	17	960
40	30	560
50	52	352
63	95	160
75	145	132
90	245	72
110	420	50
125	590	36
140	800	25
160	1130	18
180	1600	14
200	2089	10
225	2800	8
250	3920	4
280	5300	3
315	7200	2



ElectroFusion

Equal Tee 90°

49044



dxd1xd	Weight	Quantity
20 x 20 x 20	63	200
25 x 25 x 25	113	168
32 x 32 x 32	99	144
40 x 40 x 40	176	96
50 x 50 x 50	270	56
63 x 63 x 63	434	32
75 x 75 x 75	630	26
90 x 90 x 90	1090	15
110 x 110 x 110	1965	8
125 x 125 x 125	2950	4
160 x 160 x 160	4700	3
180 x 180 x 180	7240	2

Reducing Tee

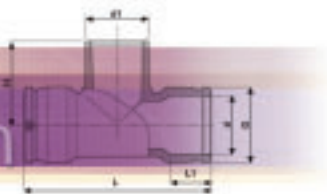
49144



dxd1xd	Weight	Quantity
25 x 20 x 25	107	168
25 x 32 x 25*	115	168
32 x 20 x 32	90	144
40 x 20 x 40	160	96
50 x 20 x 50	240	56
50 x 32 x 50	250	56
63 x 20 x 63	365	32
63 x 32 x 63	370	32
63 x 40 x 63	384	32
63 x 50 x 63	400	32
90 x 63 x 90	1050	15
110 x 63 x 110	1705	8
110 x 90 x 110	1805	8
125 x 90 x 125	2805	5
125 x 110 x 125	2859	5
160 x 90 x 160	4450	3
160 x 110 x 160	4450	3

dxd1xd	Weight	Quantity
160 x 125 x 160	4470	3
180 x 90 x 180	6090	2
180 x 110 x 180	6270	2
180 x 125 x 180	6410	2
180 x 140 x 180	6610	2
180 x 160 x 180	6950	1

* This size enlarges



Flanged Tee

49944



dxdxd	Weight	Quantity
90 x 80 x 90	2655	8
110 x 80 x 110	3825	6
110 x 100 x 110	3930	6
125 x 80 x 125	4650	4
125 x 100 x 125	4795	3
160 x 80 x 160	6175	3
160 x 100 x 160	6375	3
180 x 80 x 180	6320	2
180 x 100 x 180	6375	2

Elbow 90°

49054



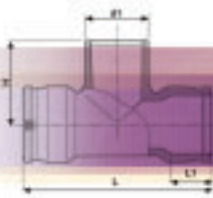
d	Weight	Quantity
20	64	320
25	52	320
32	90	192
40	145	120
50	221	72
63	333	40
75	530	33
90	875	16
110	1519	9
125	2360	6
140	2974	-
160	3910	3
180	7760	2
200	7150	1
225	9900	1
250	13500	1

Elbow 45°

49064



d	Weight	Quantity
32	75	240
40	125	160
50	196	96
63	270	48
75	437	40
90	759	22
110	1269	12
125	2030	8
140	2471	-
160	3325	4
180	6150	2
200	7050	1
225	9800	1
250	13400	1



ElectroFusion

Elbow 22.5°

49024



d	Weight	Quantity
90	665	22
110	1160	12
125	1860	6
160	2960	4
180	5370	2

90° Duckfoot Elbow

49154



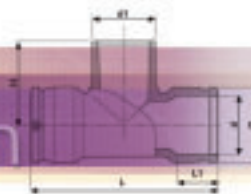
d	Weight	Quantity
90	2260	5

90° Duckfoot Elbow With Outlet

49654



dxd1	Weight	Quantity
90 x 32	2265	5



Adjustable Elbow

49474



d	Weight	Quantity
110	2030	8
125	2630	8
160	4500	3
180	7500	2

Water PN 12.5 Bar, Gas MOP 8.0 bar

Adjustable Elbow One Sided

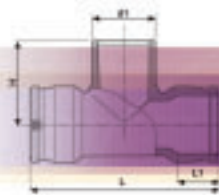
49475



dxD1	Weight	Quantity
110 x 110	1270	12
125 x 125	1740	12
160 x 160	3150	4
180 x 180	4370	2

Water PN 12.5 Bar, Gas MOP 8.0 bar





ElectroFusion

Tapping Valve



49544/49545**

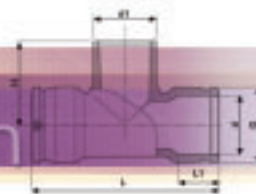
dx d1	Weight	Quantity
63 x 32	2000	8
63 x 40	2103	8
63 x 50	2140	8
63 x 63	2205	8
75 x 32	2000	8
75 x 40	2005	8
75 x 50	2089	8
75 x 63	2089	8
90 x 32	2150	8
90 x 40	2163	8
90 x 50	2200	8
90 x 63	2265	8
110 x 32	2267	8
110 x 40	2250	8
110 x 50	2280	8
110 x 63	2345	8
125 x 32	2277	8
125 x 40	2290	8
125 x 50	2327	8
125 x 63	2392	8

dx d1	Weight	Quantity
140 x 32	2285	8
140 x 40	2298	8
140 x 50	2335	8
140 x 63	2441	8
160 x 32	2377	8
160 x 40	2390	8
160 x 50	2427	8
160 x 63	2492	8
180 x 32	2440	8
180 x 40	2453	8
180 x 50	2490	8
180 x 63	2555	8
200 x 32 *	1900	5
200 x 40 *	1940	5
200 x 50 *	1980	5
200 x 63 *	2000	5
225 x 32 *	3630	5

dx d1	Weight	Quantity
225 x 40 *	3660	5
225 x 50 *	3680	5
225 x 63 *	3710	5
250 x 32 *	1151	5
250 x 40 *	1171	5
250 x 50 *	1208	5
250 x 63 *	2585	5

* Under part same as under part in Balloon Saddle

** Tapping valve with serrated edge knife. Available in all sizes.



Balloon Saddle

49684


dxG	Weight	Quantity
90 x 2 1/2"	1976	5
110 x 2 1/2"	1989	10
125 x 2 1/2"	1996	10
140 x 2 1/2"	1150	10
160 x 2 1/2"	2003	10
180 x 2 1/2"	2011	5
200 x 2 1/2"	2020	5
225 x 2 1/2"	2030	5
250 x 2 1/2"	2042	5

Monolithic Weld End Cap For Balloon Saddle

49834

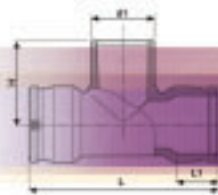

d	Weight	Quantity
90	475	55

Transition Saddle

49384


dxG	Weight	Quantity
63 x 1 1/4"	595	48
75 x 1 1/4"	605	40
90 x 1 1/2"	930	32
90 x 2"	1379	32
110 x 1 1/2"	990	24
110 x 2" *	1530	24
125 x 1 1/2"	1029	24
125 x 2" *	1545	24
140 x 1 1/2"	1072	20
140 x 2" *	1625	10
160 x 1 1/2"	1134	20
160 x 2" *	1545	20
180 x 1 1/2"	1200	16
180 x 2" *	1200	16
200 x 2" *	1500	5
225 x 2" *	1500	5
250 x 2" *	1500	5

* Under part same as under part in Balloon Saddle



ElectroFusion

Branch Saddle

49584

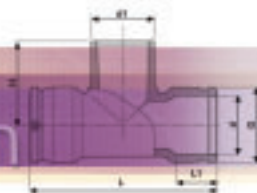


dx d1	Weight	Quantity
63 x 32	380	56
63 x 40	394	40
63 x 50	420	40
63 x 63	461	40
75 x 32	420	48
75 x 40	439	36
75 x 50	460	32
75 x 63	508	32
90 x 32	490	32
90 x 40	504	32
90 x 50	550	32
90 x 63	573	24
90 x 90	990	14
110 x 32	552	24
110 x 40	589	24
110 x 50	620	20
110 x 63	635	20
110 x 90 *	575	18
125 x 32	620	24
125 x 40	613	20

dx d1	Weight	Quantity
125 x 50	690	20
125 x 63	703	16
125 x 90 *	990	18
140 x 32	650	24
140 x 40	664	16
140 x 50	690	16
140 x 63	732	16
140 x 90 *	770	16
160 x 32	708	16
160 x 40	722	16
160 x 50	787	16
160 x 63	804	16
160 x 90 *	990	16
180 x 32	650	16
180 x 40	700	12
180 x 50	730	12
180 x 63	760	12

dx d1	Weight	Quantity
180 x 90 *	800	10
200 x 63 *	879	10
200 x 90 *	900	10
225 x 63 *	930	10
225 x 90 *	950	10
250 x 63 *	970	10
250 x 90 *	990	10

* Under part same as under part in Balloon Saddle



Tapping Saddle

49634



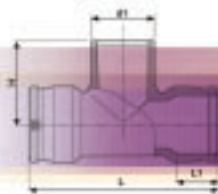
Type	dxd1	Welding Cap Size	Weight	Quantity
mb	40x20	C	350	40
mb	40x32	C	370	40
mb	50x20	C	390	40
mb	50x32	C	410	40
mb	63x20	C	436	24
mb	63x32	C	455	24
	63x40	A	1070	16
	63x50	A	1085	16
	63x63	A	1100	16
	75x20	A	1120	16
	75x32	A	1130	16
	75x40	A	1130	16
	75x50	A	1140	16
	75x63	A	1150	16
mb	90x20	B	1120	16
mb	90x32	B	1120	20
mb	90x40	B	1130	20
	90x50	A	1210	14
	90x63	A	1270	14
mb	110x20	B	1160	20
mb	110x32	B	1170	10

Type	dxd1	Welding Cap Size	Weight	Quantity
mb	110x40	B	1190	20
	110x50	A	1210	20
	110x63	A	1220	12
mb	125x20	B	1220	12
mb	125x32	B	1230	12
mb	125x40	B	1280	15
	125x50	A	1290	15
	125x63	A	1310	12
	140x20	A	1340	12
	140x32	A	1350	12
	140x40	A	1360	12
	140x50	A	1370	12
	140x63	A	1410	12
mb	160x20	A	1330	12
mb	160x32	A	1345	10
mb	160x40	A	1360	10
mb	160x50	A	1375	10
mb	160x63	A	1390	10
mb	180x20	A	1550	10

Type	dxd1	Welding Cap Size	Weight	Quantity
mb	180x32	A	1565	10
mb	180x40	A	1580	10
mb	180x50	A	1595	10
mb	180x63	A	1605	10
*	200x20	A	1360	8
*	200x32	A	1375	8
*	200x40	A	1405	8
*	200x50	A	1425	8
*	200x63	A	1510	8
*	225x20	A	1370	8
*	225x32	A	1553	8
*	225x40	A	1563	8
*	225x50	A	1573	8
*	225x63	A	1613	8
*	250x20	A	1380	8
*	250x32	A	1569	8
*	250x40	A	1582	8
*	250x50	A	1589	8
*	250x63	A	1629	8

Please note: mb = Mono Block

* Under part same as under part in Balloon Saddle



ElectroFusion

Tapping Saddle Parallel Outlet

(See table at page 16)

49535



Tapping saddles with their outlets parallel to the main line, for sizes 63 mm to 250 mm are available upon request.

Welding Cap for Tapping Saddle

49834



Size	Weight	Quantity
A (57)	160	128
B (50)	117	192
C (40)	74	256

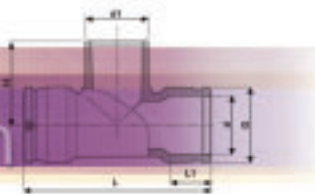
Please use Welding Cap Size as specified on page 16.

Repair Saddle

49524



d	Weight	Quantity
63	368	72
75	410	56
90	485	40
110	547	32
125	584	24
140	639	24
160	702	24
180	760	16



Male Transition Coupler

49214


dxG	Weight	Quantity
20 x 1/2"	130	200
25 x 1/4"	145	150
32 x 1/2"	241	100
32 x 3/4"	263	100
32 x 1"	277	100
32 x 1 1/4"	393	60
32 x 1 1/2"	404	60
40 x 1"	405	72
40 x 1 1/4"	455	54
40 x 1 1/2"	480	54
40 x 2"	500	36
50 x 1"	510	48
50 x 1 1/4"	560	48
50 x 1 1/2"	545	48
50 x 2"	730	30
63 x 1 1/4"	889	30
63 x 1 1/2"	825	30
63 x 2"	910	30
75 x 2"	1300	16
75 x 2 1/2"	1500	16

Female Transition Coupler

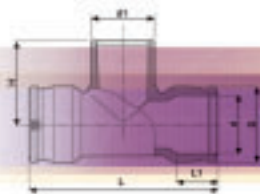
49314


dxG	Weight	Quantity
20 x 1/2"	125	200
25 x 3/4"	140	150
32 x 3/4"	340	100
32 x 1"	250	100
32 x 1 1/2"	320	100
40 x 1"	490	54
40 x 1 1/4"	400	54
40 x 1 1/2"	410	54
50 x 1 1/2"	505	48
50 x 2"	685	40
63 x 1 1/2"	965	24
63 x 2"	885	30

Male Transition Elbow 90°

49254


dxG	Weight	Quantity
20 x 1/2"	150	400
25 x 3/4"	168	120
32 x 1/2"	259	84
32 x 3/4"	262	84
32 x 1"	300	84
32 x 1 1/4"	416	60
32 x 1 1/2"	427	60
40 x 1"	450	48
40 x 1 1/4"	500	48
40 x 1 1/2"	525	48
40 x 2"	700	40
50 x 1"	624	42
50 x 1 1/4"	679	36
50 x 1 1/2"	655	36
50 x 2"	806	30
63 x 1 1/4"	985	24
63 x 1 1/2"	1040	24
63 x 2"	1125	24
75 x 2"	1450	16
75 x 2 1/2"	1650	16



ElectroFusion

Female Transition Elbow 90°

49354



dxG	Weight	Quantity
20 x 1/2"	140	400
25 x 3/4"	240	120
32 x 3/4"	355	96
32 x 1"	275	96
40 x 1"	535	48
40 x 1 1/4"	654	36
40 x 1 1/2"	455	48
50 x 1 1/2"	545	48
50 x 2"	635	40
63 x 1 1/2"	1072	24
63 x 2"	950	24

Male Transition Elbow 45°

49264



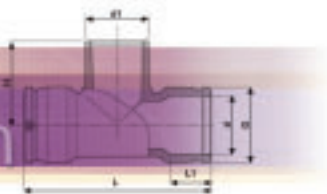
dxG	Weight	Quantity
32 x 1/2"	249	84
32 x 3/4"	250	84
32 x 1"	375	72
32 x 1 1/4"	487	48
32 x 1 1/2"	498	48
40 x 1"	435	60
40 x 1 1/4"	485	60
40 x 1 1/2"	510	48
40 x 2"	530	40
50 x 1"	555	48
50 x 1 1/4"	605	48
50 x 1 1/2"	590	48
50 x 2"	775	30
63 x 1 1/4"	927	24
63 x 1 1/2"	893	24
63 x 2"	945	24
75 x 2"	1400	16
75 x 2 1/2"	1600	16

Female Transition Elbow 45°

49364



dxG	Weight	Quantity
32 x 1"	355	96
32 x 3/4"	320	96
40 x 1"	520	96
40 x 1 1/4"	430	96
40 x 1 1/2"	479	48
50 x 1 1/2"	530	48
50 x 2"	714	48
63 x 1 1/2"	1000	24
63 x 2"	912	24



Free Nut Transition Coupler

49414



dxG	Weight	Quantity
20 x 3/4"	140	200
25 x 3/4"	150	140
25 x 1"	190	140
32 x 1"	255	78
32 x 1 1/2"	300	52
40 x 1 1/2"	430	32
50 x 2"	700	32
63 x 2"	925	28
63 x 2 1/2"	1155	20

Free Nut Transition Elbow 90°

49454



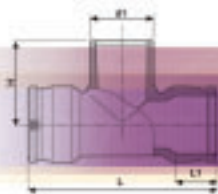
dxG	Weight	Quantity
20 x 3/4"	235	140
25 x 3/4"	164	140
25 x 1"	280	105
32 x 1"	164	70
32 x 1 1/4"	325	70
40 x 1 1/2"	490	48
50 x 2"	780	30
63 x 2"	1025	16
63 x 2 1/2"	1245	18

Free Nut Transition Elbow 45°

49464



dxG	Weight	Quantity
32 x 1"	164	70
32 x 1 1/4"	400	56
40 x 1 1/2"	455	48
50 x 2"	740	30
63 x 2"	965	18
63 x 2 1/2"	1185	18



ElectroFusion

Male Free Nut Transition Coupler

49416



dXG	Weight	Quantity
32 x 1"	545	40
40 x 1 1/4"	740	30
50 x 1 1/2"	1165	20
63 x 1 1/2"	1404	16
63 x 2"	1915	10

Male Free Nut Transition Elbow 90°

49456



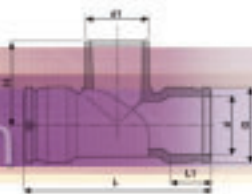
dxG	Weight	Quantity
32 x 1"	570	40
40 x 1 1/4"	800	30
50 x 1 1/2"	1245	20
63 x 1 1/2"	1635	16
63 x 2"	2000	12

Male Free Nut Transition Elbow 45°

49466



dxG	Weight	Quantity
32 x 1"	765	40
40 x 1 1/4"	1215	30
50 x 1 1/2"	1220	20
63 x 1 1/2"	1489	16
63 x 2"	1945	12



PE Male Transition Coupler

49714



dxG	Weight	Quantity
25 x 3/4"	60	200
32 x 1"	90	200
40 x 1"	150	144
40 x 1 1/4"	155	144
40 x 1 1/2"	160	144
50 x 1 1/2"	232	96
63 x 1 1/2"	345	40
63 x 2"	384	40

PE Male Transition Elbow 90°

49754



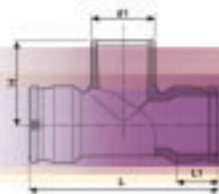
dxG	Weight	Quantity
25 x 3/4"	72	200
32 x 1"	117	96
40 x 1"	192	48
40 x 1 1/4"	202	48
40 x 1 1/2"	250	48
50 x 1 1/2"	301	48
63 x 1 1/2"	458	24
63 x 2"	480	32

PE Male Transition Elbow 45°

49764



dxG	Weight	Quantity
32 x 1"	150	96
40 x 1"	175	96
40 x 1 1/4"	185	96
40 x 1 1/2"	185	96
50 x 1 1/2"	276	48
63 x 1 1/2"	410	24
63 x 2"	470	32



ElectroFusion

WTF Copper Adaptor

49916



dx d1	Weight	Quantity
20 x 15	200	140
20 x 3/4" (19.05mm)	170	140
32 x 22	320	70
32 x 1" (25.4mm)	320	70

PE Cast Iron Flange Transition Coupler

49774



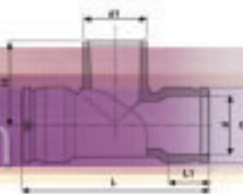
dx DN	DP	Weight	Quantity
63 x 50	125	4.2	32
90 x 80	160	6.1	16
110 x 100	180	7.6	16
125 x 100	180	8.2	16
160 x 150	240	13.8	9
180 x 150	240	15.9	9
225 x 200	295	24.7	6

PE Cast Iron Spigot Transition Coupler

49574



dx DN	Weight	Quantity
90 x 80	3.0	64
110 x 100	4.3	32
125 x 100	4.8	16
160 x 150	8.1	16
180 x 150	10.9	16
225 x 200	17.8	16



PE/Steel Transition

Coupler

49277



d/DN(inch)	Weight	Quantity
32/25 (1")	1145	20
40/32 (1 1/4")	1170	30
50/40 (1 1/2")	2000	20
63/50 (2")	2190	16
90/80 (3")	5067	6
110/100 (4")	8970	4
125/100 (4")	8760	4
160/150 (6")	16705	2
180/150 (6")	20460	2



Union

09377

dxG	Weight	Quantity
25 x 3/4"	248	250
32 x 1"	306	30
40 x 1 1/4"	510	60
50 x 1 1/2"	610	45
63 x 2"	915	36
75 x 2 1/2"	1570	28
90 x 3"	2200	16
110 x 4"	3125	8

Flange Adaptor

49027



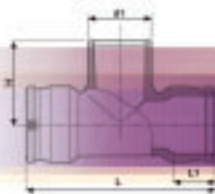
d	Weight	Quantity
20	-	-
25	36	160
32	60	160
40	91	160
50	120	144
63	220	80
75	310	48
90	421	32
110	624	24
125	879	16
140	1115	15
160	1392	10
180	1810	6
200	2810	4
225	3680	4
250	4670	3
280	-	1
315	-	1
355	-	1
400	-	1
450	-	1

Flange Backing Ring

9903



dxG	DP	No. of Holes	Weight	Quan.
20x1/2"	65	4	-	-
25x3/4"	75	4	-	-
32x1"	85	4	-	-
40x1 1/4"	100	4	-	-
50x1 1/2"	110	4	-	-
63x2"	125	4	-	-
75x2 1/2"	145	4	-	-
90x3"	160	8	-	-
110x4"	180	8	-	-
125x4"	180	8	-	-
140x5"	210	8	-	-
160x6"	240	8	-	-
180x6"	240	8	-	-
200x8"	295	8	-	-
225x8"	295	8	-	-
250x10"	295	12	-	-
280x10"	350	12	-	-
315x12"	400	12	-	-
355x14"	460	16	-	-
400x16"	515	16	-	-
450x18"	620	20	-	-



ElectroFusion

Wastewater Saddle

37584



dx d1	Weight	Quantity
225 - 250 x 160	960	4
280 - 315 x 160	980	4
355 - 400 x 160	990	4

Wastewater Adjustable Elbow One Sided

37475



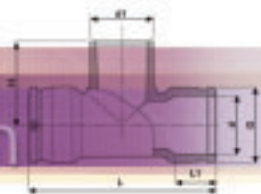
d	Weight	Quantity
160	2010	1

Wastewater Manhole Adaptor

37022



d	Weight	Quantity
160	-	1
180	-	1
200	-	1
225	-	1
250	-	1
280	-	1
315	-	1
355	-	1
400	-	1



28014



d	Weight	Quantity
75	330	60
90	530	41
110	820	23
125	1000	18
160	1770	6

Male Transition Coupler Pex2Pex

28214



dxG	Weight	Quantity
75 x 2"	1300	-
75 x 2 1/2"	1500	-





PLASSON Control Box product family includes the following features:

- Automatic welding for PLASSON - Fusamatic fittings
- New ergonomic design
- Fusion process supervision system
- Fully monitored welding process
- Year 2000 compatible
- 4 x 20 alphanumeric character display with backlight and adjustable contrast
- Easy and user - oriented data input
- Highly flexible welding cable
- Reduced service expense by software controlled calibration

- Fusamatic, bar code & manual operation
- Extended recording functions
- Automatic recording of 1440 joint processes
- Data transfer to pc, printer, or portable memory box



- Fusamatic & bar code operation
- Automatic recording of 250 joint processes*
- Data transfer to pc, printer, or portable memory box*

* Available with the Polymatic - Data model only

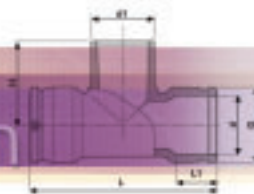


- Fusamatic system operation
- Economical
- Easy to use



- Monomatic model with manual operation option, available upon request

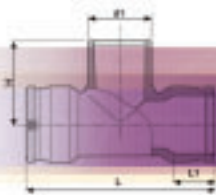
This model is available with or without data retrieval



Controllers Technical Data

	Polymatic Plus	Polymatic	Monomatic
Input Voltage: (AC)	230V (190V-300V)*	230V (190V-300V)*	230V (190V-300V)*
Input Frequency/Current:	50Hz (40-70Hz)/16A	50Hz (40-70Hz)/16A	50Hz (40-70Hz)/16A
Output Voltage/Current:	8V- 48V / 80A (peak:100A)	8V- 48V / 80A (peak:100A)	40V / 60A (peak:80A)
Power:	2800W (3500VA) 80% ED	2800W (3500VA) 80% ED	2600W (3200VA) 80% ED
Operating Temperature:	-10° to +50°C	-10° to +50°C	-10° to +50°C
Safety Certification:	CE, IP54	CE, IP54	CE, IP54
Weight:	Approx. 20Kg	Approx. 20Kg	Approx. 18Kg
Mains Cable:	4.5 m	4.5 m	4.5 m
Welding Cable:	4.7m (fixed) 5.0m (detachable)	4.7m (fixed) 5.0m (detachable)	4.7m (fixed) 5.0m (detachable)
Display:	4 x 20 alphanumeric characters with adjustable contrast and backlight	4 x 20 alphanumeric characters with adjustable contrast and backlight	4 x 20 alphanumeric characters with adjustable contrast and backlight
Dimensions: (L x B x H)	440 x 380 x 320 mm	440 x 380 x 320 mm	440 x 380 x 320 mm
Data Input:			
Welding Parameter:	FUSAMATIC / Barcode / Manual	FUSAMATIC / Barcode	FUSAMATIC
Optional Data:	Comm.-No./Welder Code / Operator Code / Foreman Code / Weather/ Inventory Number		
Record Function			
Memory Space:	Approx. 1440 records		
Recorded Data:	Input Data / Fitting Data / Welding Process Data / System Data		
Interface:	V24 Serial (RS232)		
Transfer to:	Printer / PC / PF-Memomatic (Memory Box)		
Output Options:	Whole Memory / Comm. Number		
Supervision:			
Input:	Voltage / Current / Frequency	Voltage / Current / Frequency	Voltage / Current / Frequency
Output:	Voltage / Resistance / Contact / Shortcut / Current Flow / Welding Time	Voltage / Resistance / Contact / Shortcut / Current Flow / Welding Time	Voltage / Resistance / Contact / Shortcut / Current Flow / Welding Time
Other:	System / Service / Device Temperature	System / Service / Device Temperature	System / Service / Device Temperature
Error Messages	Clear Display text / Bleep	Clear Display Text / Bleep	Clear Display Text / Bleep
Enclosed Parts:	Welding Device / Welding Cable / Reading Pen / Adapters 4mm & Flat / Operating Instructions	Welding Device / Welding Cable / Reading Pen / Adapters 4mm & Flat/ Operating Instructions	Welding Device / Welding Cable / Operating Instructions

* Other input voltages are available for extra charge.



ElectroFusion

Installation Tools

Universal Pipe Holder Kit

Pipe Diameters	Catalogue Number
63mm - 180mm	29300180

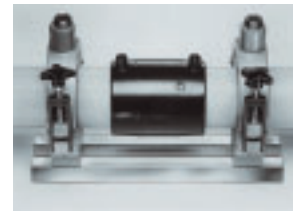
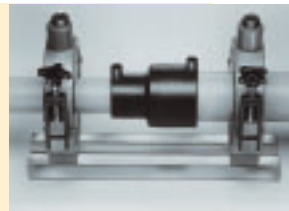
The Universal Pipe Kit includes:

- 1 T - Adaptor
- 1 Base
- 1 Slotted Base
- 1 Spanner
- 1 Allen Key
- 1 Hand Scraper
- Clamping Rings for 180mm pipe

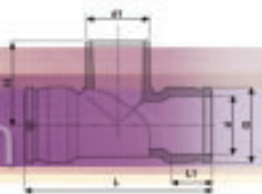
Lining rings for the following sizes: 160mm, 140mm, 125mm, 110mm, 90mm, 75mm and 63mm.

The chassis' durable construction and rigid clamping system provide a very stable and reliable platform with which to join the ElectroFusion fittings.

With this basic kit, it is possible to fuse fittings on straight pipe, as well as angles of 45° and 90°.



**THE BEST
NEVER REST**



Installation Tools

Maxi Pipe Holders

Pipe Diameter	Catalogue Number
250 mm	29300250
315 mm	29300315

Additional Clamping Rings (4 pieces)

Pipe Diameter	Catalogue Number
200 mm	29300200
225 mm	29300225
280 mm	29300280



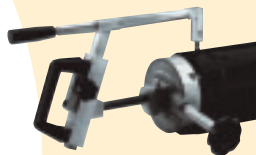
Easy Clamp

16 mm - 63 mm	Catalogue Number
Type	29301763
2 Grip	29301663
4 Grip	



RTC 315 Scraper

Pipe Diameter	Catalogue Number
75 mm - 315 mm	29175315



Mini Scraper

Pipe Diameter	Catalogue Number
20 mm	29110020
25 mm	29110025
32 mm	29110032
40 mm	29110040
50 mm	29110050
63 mm	29110063



Hand Scraper

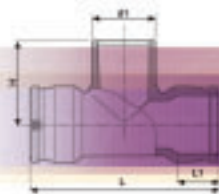
Scraper Size	Catalogue Number
1 1/2" small scraper	29110000
Blades for small scraper	29110001
2 1/2" wide scraper	29110002
Blades for wide scraper	29110003



Pipe Cutter

Cutter Size	Catalogue Number
63 mm	29310063
110 mm	29310110
160 mm	29310160





ElectroFusion

Technical Specifications for Plasson ElectroFusion Fittings

Pressure Rating

ALL PLASSON ELECTROFUSION FITTINGS are rated:

- PN 16 (Water)
- MOP10 (Gas)

LIGHTFIT are rated:

- PN10 (Water)

Note: for further details, see the notations on each fitting or consult your Plasson representative.

Suitable Pipes - PE80, PE100 PEX (most fittings)*

PLASSON'S ELECTROFUSION FITTINGS:

- Up to 75 mm (Inclusive) are Weldable to Pipes SDR ≤ 11
- 90 mm & Up are Weldable to Pipes SDR ≤ 17

Note: for tapping SDR ≤ 11 pipes (200 mm & up), please consult your Plasson representative

LIGHTFIT:

- 90 mm are Weldable to Pipes SDR ≤ 26
- 110 mm & Up are Weldable to Pipes SDR ≤ 33

WASTEWATER SADDLE:

- 200 mm & Up are Weldable to Pipes SDR ≤ 26

WASTEWATER ADJUSTABLE ELBOW:

- 160 mm is Weldable to Pipes SDR ≤ 17

* Please consult your Plasson representative

Material

All Plasson fittings are produced from material class PE100 which conform to international standards for potable water and natural or suitable manufactured gas systems.

Production from PE80, available upon request

Standards

Plasson ElectroFusion fittings are designed tested and quality controlled according to Plasson's internal standards. These standards are based on the following international standards and standard drafts:

GBE/PL2: PART 4
EN 1555
EN 12201
AFNOR NF T 54-066
AS/NZS 4129
AFNOR NF T 54-079

Quality

Plasson has incorporated a quality assurance system in accordance with ISO 9001. Operating approval according to ISO 9001 was granted to Plasson by the Israeli Standard Institute. Operating according to the ISO 9001 quality assurance system imposes stringent standards of control throughout the manufacturing processes.

Abbreviations used on the product description pages of this catalogue:

d,d1 _____ Nominal diameter of fitting or outlet
D, D1 _____ Diameter
Dp _____ Pitch circle diameter of bolt holes in flanges
G _____ Threaded outlet diameter
DN _____ Nominal Bore Corresponding Approximately to the inside diameter of the pipe
N _____ Number of bolt holes in flanges
W _____ Weight in grams
Quantity _____ Standard quantities for packaging cartons

Fusion and cooling time are specified on the individual product.

Whereas the products shown in this catalogue illustrate and describe the current state of their development, Plasson reserves the right at all times to make such technical alterations as it shall see fit to its products. Although every care has been taken in the preparation of the information, specifications and other data included in this catalogue, we cannot rule out inadvertent errors or omissions. Purchasers should take into account possible deviations or variations which will not substantially diminish the functionality or performance of the products, and, in many cases, are designed to improve the same.

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