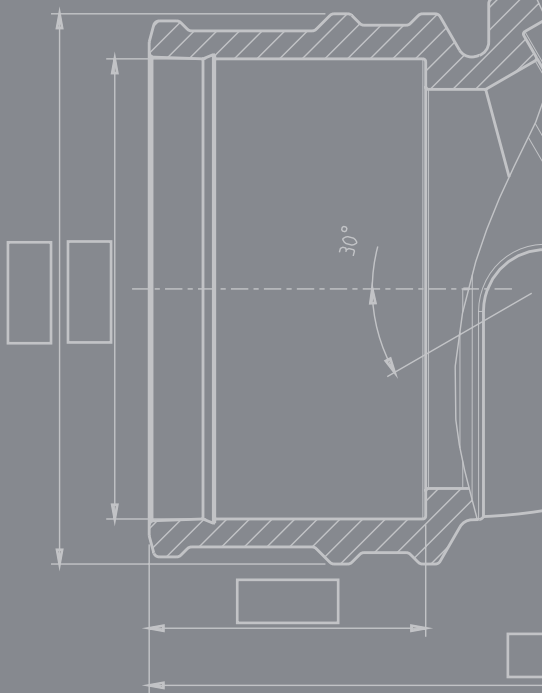
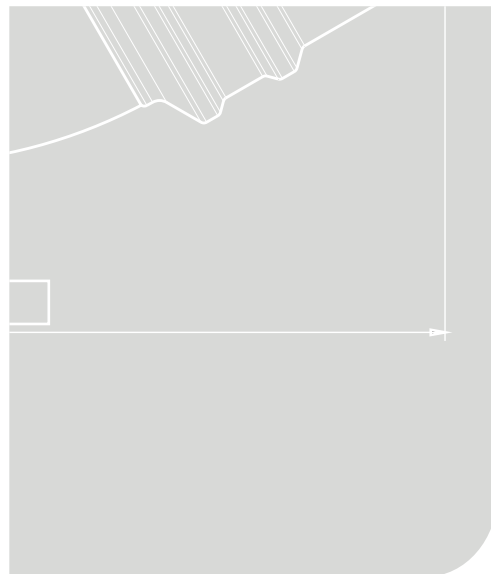




PLASSON ElectroFusion Wastewater System



Innovative Technology
for Laying New Pipe
Networks and Renovating
Existing Piping Systems



PLASSON ElectroFusion Wastewater System

We Make the Connection

PLASSON has been at your side for more than 50 years – your expert partner and supplier in the gas and water industries.

This Polyethylene system is a result of many years of field experience, understanding of the work practice and the resulting requirements. PLASSON Wastewater system uses the proven ElectroFusion technology, providing the means for pipe network renovation or new pipe laying processes. In addition to the long term watertight performance, it also provides the option for a fully computerized control and monitoring process.



LightFit Coupler welded to a Manhole Adaptor



160mm Adjustable inlet Wastewater Saddle, offering an adjustable connecting angle of up to °12.

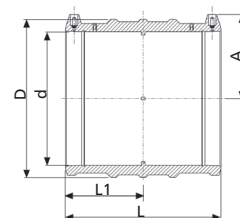
Polyethylene offers the ideal cost-effective and technically superior alternative to other materials, requiring minimal effort to install, reducing the number of connections required and increasing the system's lifespan. The PLASSON System provides an excellent investment for both public water infrastructures and private wastewater systems.



The PLASSON Wastewater System provides a strong, long-life and load resistant solution through its special versatile products that are fused after being laid.

LightFit Coupler (PN10)

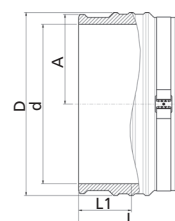
460104



Product Code	Size d	L	L1	D	A	UC	W
460104040	40	90	43	56	47	200	96
460104050	50	100	49	68	52	132	147
460104063	63	118	57	77	57	112	158
460104075	75	126	61	90	63	60	216
460104090	90	148	72	108	69	44	360
460104110	110	163	80	131	79	25	540
460104125	125	173	85	149	87	20	740
460104140	140	182	89	167	94	12	970
460104160	160	198	97	193	104	6	1320
460104180	180	212	104	215	114	5	1650
460104200	200	232	114	235	127	4	2110
460104225	225	240	118	264	141	4	2825
460104250	250	256	126	293	155	2	3728
460104280	280	275	135	332	166	1	4850
460104315	315	284	140	374	184	1	6950
460104355	355	280	138	421	204	1	7980
460104400	400	296	146	474	227	1	12000

LightFit (PN 10)

460103

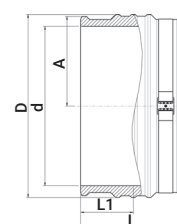


Product Code	Size d	L	L1	D	A	UC*	W
460103450	450**	310	155	518	255	1	11700
460103450N	450	310	155	518	255	1	11700
460103500	500**	340	170	576	283	1	16000
460103560N	560	376	188	625	309	1	21510
460103630N	630	400	200	706	347	1	27000
460103710N	710	440	220	797	390	1	43100
460103800N	800	470	235	897	440	1	57300
460103900	900	500	250	1031	500	1	70000
4601031000	1000	600	300	1128	555	1	-
4601031200	1200	600	300	1355	667	1	-

* Optimal order quantity for packing on two stacked pallets ** Without straps

Super LightFit (PN 6.4)

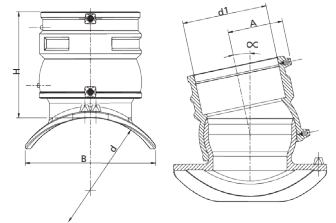
4601S3



Product Code	Size d	L	L1	D	A	UC	W
4601S3500	500	300	150	550	272	1	11800
4601S3560	600	310	155	620	310	1	15300
4601S3630	630	320	160	693	346	1	18200
4601S3710	710	380	190	775	388	1	25800
4601S3800	800	400	200	876	438	1	34700
4601S3900	900	420	210	983	485	1	40500
4601S31000	1000	440	220	1085	534	1	48000

Wastewater Adjustable Saddle

475804



For optimal flexibility, the Wastewater ElectroFusion Saddle includes a connecting Coupler that can be adjusted to an angle of up to 12°. The final position is permanently fixed only at the ElectroFusion welding stage.

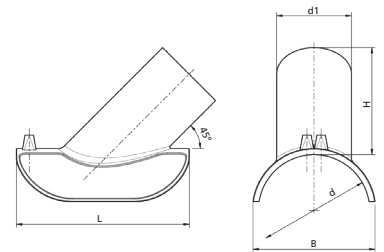
To be used with pipes SDR 11 to SDR 26

Product Code	Size d x d1	B	H	A	L	UC	W
475804200160	200 x 160	208	202	105	290	4	2050
475804250160	225-250 x 160	225	202	105	290	4	2060
475804315160	280-315 x 160	247	202	105	290	4	2070
475804560160	355-560 x 160	263	202	105	290	4	2080
475804710160	560-710 x 160	277	202	105	290	4	2100

to be installed by using PLASSON drilling and clamping tool cat. no. 29144.4700.001

Wastewater Saddle 45° - Inlet 110

4758A4



The PLASSON Wastewater Saddle 45° Inlet 110- mm enables a 45° connection of the inlet pipe.

Special tools are used to ensure a full bore and a permanent ElectroFusion weld.

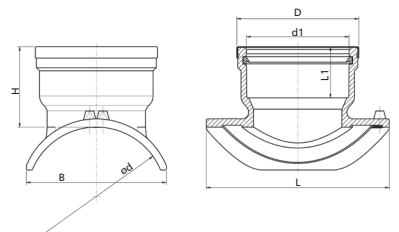
To be used with pipes SDR 11 to SDR 26

Product Code	Size d x d1	L	B	H	UC	W
4758A4160110	160-200 x 110	255	182	158	10	710
4758A4250110	225-315 x 110	255	221	158	10	656

To be installed by using PLASSON cutting and clamping tool cat.no.29070050

Wastewater Saddle PVC/PP Adaptor Inlet

4758V4

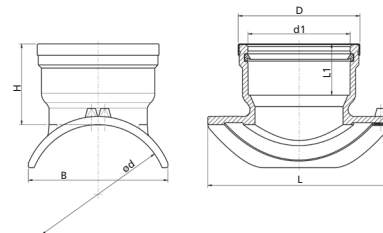


Product Code	Size d x d1	B	H	L	L1	D	UC	W
4758V4200160	200 x 160	208	125	290	80	190	6	1660
4758V4250160	225-250 x 160	225	125	290	80	190	6	1309
4758V4315160	280-315 x 160	245	125	290	80	190	6	1326
4758V4560160	355-560 x 160	263	125	290	80	190	6	1430
4758V4710160	560-710 x 160	277	125	290	80	190	6	1527

To be installed by using PLASSON drilling and clamping tool cat. no. 29144.4700.001

Wastewater Saddle Spigot Inlet

4758S4

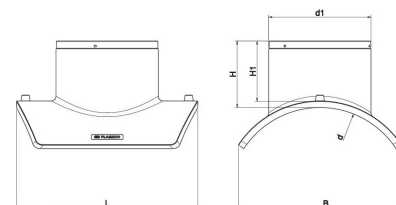


Product Code	Size d x d1	B	H	L	UC	W
4758S4200160	200 x 160	208	125	290	6	1091
4758S4250160	225 - 250 x 160	225	125	290	6	1239
4758S4315160	280 - 315 x 160	247	125	290	6	1260
4758S4560160	355 - 560 x 160	263	125	290	6	1300
4758S4710160	560 - 710 x 160	277	125	290	6	1310

To be installed by using PLASSON drilling and clamping tool cat. no. 29144.4700.001.001

LightFit Branch Saddle

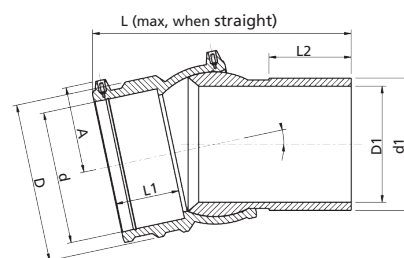
4758W



Product Code	d x d1	B	L	H	H1	UC	W
4758W4450225	315 - 450 x 225	359	145	130	400	1	3700
4758W4630225	450 - 630 x 225	389	145	130	400	1	3740
4758W4800225	630 - 800 x 225	407	145	130	400	1	3835

Wastewater Adjustable Elbow One Sided

4747D4

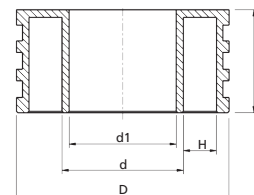


The Wastewater Adjustable Elbow, offers additional flexibility during installation, allowing an adjustable angled connection of up to 12°. The angle of the integral adjustable coupler can be precisely adjusted to the incoming pipe position, eliminating any stresses from the connection. After positioning, the connection is permanently fixed at the ElectroFusion welding stage. To be used with pipes SDR 11 to SDR 26

Product Code	size dxd1	SDR	D	D1	L	L1	L2	A	UC	W
4747D4160	160	17	193	141	298	78	98	105	6	3030

Wastewater Manhole Adaptor

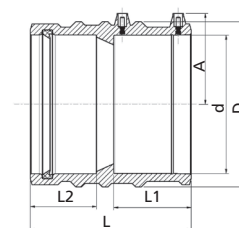
37020/477207



Product Code	Size d	L	d1	D	H	UC	W
37020110	110	135	97	216	37	—	1650
37020125	125	135	111	235	39	—	1800
37020140	140	135	123	254	39	—	1950
477207160	160	135	141	280	39	6	2524
37020180	180	135	157	335	66	4	3550
37020200	200	135	176	355	56	2	3660
477207225	225	135	198	355	44	2	3902
37020250	250	135	220	400	54	2	3740
477207280	280	135	247	400	39	2	5027
37020315	315	135	278	450	46	2	5130
37020355	355	135	313	500	50	2	6480
37020400	400	135	353	560	59	1	8260
37020450	450	135	397	592	50	—	22350
37020500	500	135	441	651	54	—	23600
37020560	560	135	494	705	51	—	34500
37020630	630	135	555	773	50	—	47370

Wastewater PE to PVC Adaptor

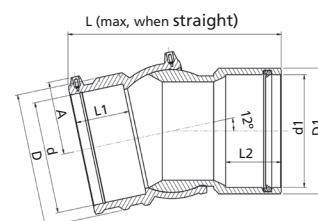
4701V4



Product Code	Size d	L	L1	L2	D	A	UC	W	UC
4701V4160	160	187	90	77	193	106	6	1546	6

Wastewater Adjustable Elbow PE to PVC

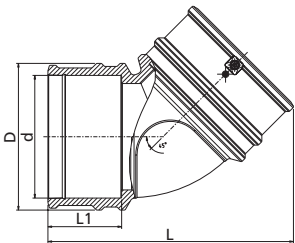
4747V4



Product Code	Size d x d1	D	D1	L	L1	L2	A	UC	W
4747V4160	160 x 160	193	180	253	78	80	105	6	2140

Wastewater Elbow 45°

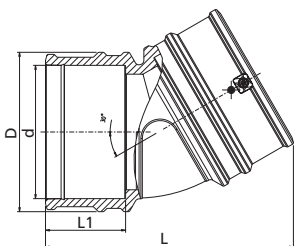
470604



Product Code	Size d	L	L1	D	A	UC	W
470604160	160	325	98	193	106	4	2000

Wastewater Elbow 30°

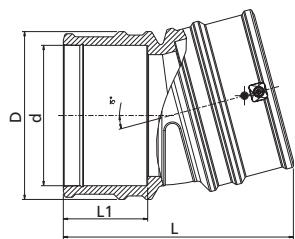
473304



Product Code	Size d	L	L1	D	A	UC	W
473304160	160	302	98	193	106	5	1850

Wastewater Elbow 15°

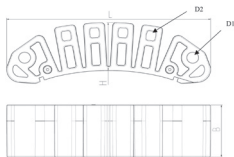
473704



Product Code	Size d	L	L1	D	A	UC	W
473704160	160	267	98	193	106	5	1740

Flex Restraint

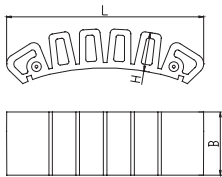
49009



Product Code	Size	L	H	B	D1	D2	UC	W
49009998	160-1600	267	60	65	13.5	11	48	470

Flex Restraint

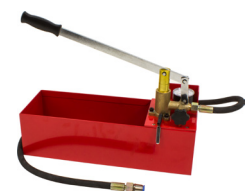
49009



Product Code	Size	L	H	B	UC	W
49009999	160-1600	202	40	65	60	300

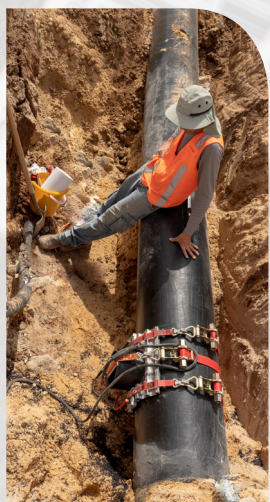
Specialized Installation Tooling For PLASSON Products

Wastewater Saddle Installation Tools	Code
Cutting and clamping tool for plasson waste water saddle 45°	29144.4703.001
Drilling and clamping tools (set) for lightfit branch saddle 160mm	29144.4700.001
Electrical Saddle Scraper 230V (electrical peeler)	29144.4200.024
Electrical Saddle Scraper 110V (electrical peeler)	29144.4200.025
Electrical Saddle Scraper (cordless) with 230v charger	29144.4200.026
Electrical Chain Peeler (250) 400-800mm (cordless) incl. 2 Batteries and 1 charger 230v 16-32" ips / 14-30" dips	29144.4200.036
Electrical Chain Peeler 800-1200mm (cordless) incl. 2 Batteries and 1 charger 230v	29144.4200.037
Extension 900-1000mm for electrical chain peeler (250) 400-800mm (cordless)	29144.4200.038
Extension 1400-1600mm for electrical chain peeler 800-1200mm (cordless)	29144.4200.039
Clamping tool for lightfit branch saddle	29144.4701.003
Pressure test pump with adapter for plasson-saddle	29144.4701.005
Saddle Clamp 250-800mm splittable, 225mm/sdr17, PLASSON incl. Pressing tool and suitcase	29144.4701.227
Core cutter for PLASSON-saddle outlet 225mm/sdr17, borehole: 196mm c/w sds-max adapter, center drill and transport box	29144.4702.196
Flex Restraint installation clamp (160-1200)	29144.4704.002

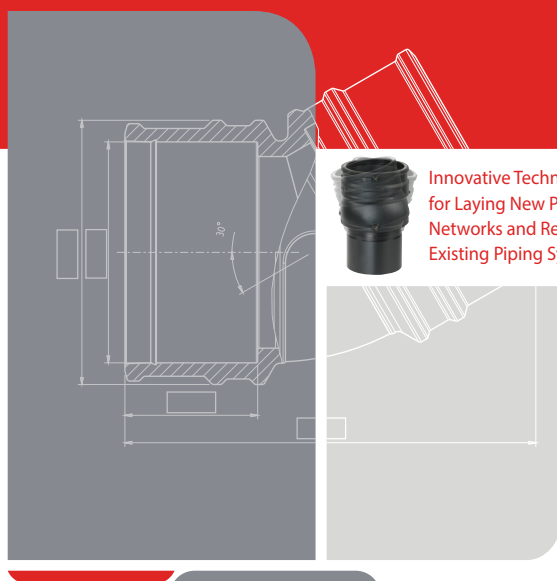




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