



ADVANCED FLOW
SYSTEMS™

KGSYSTEM

Push-Fit Drainage Pipes And Fittings



Drainage Pipes And Fittings

- Easy to install - no welding or gluing required
- SN 4 ring stiffness for normal load
- SN 8 ring stiffness for high load
- Withstands subterranean movement
- 100% recyclable / RoHS Compatibility
- Quality guarantee - ISO 9001:2008

Drainage pipes and fittings

Description

Polyvinyl chloride drainage pipe system, unplasticized, SN 4 and SN 8 ring stiffness, manufactured according to EN 1401 and ISO 4435 respectively.

Materials

Huliot's PVC pipes are manufactured using organic-based stabilizers (OBS), and are free of all metals.

Colour

Orange RAL 8023.

Seal

Resistant elastomeric sealing elements are used to ensure connection tightness. They are fitted in the creased groove. The sealing properties are not affected by any pipe deformation or deflection.

Marking

Pipes and fittings

Permanent marking with manufacturer label, nominal diameter, EN standard, date of manufacture and manufacturer's commercial name HULIOT.

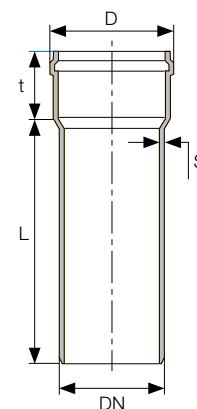


Drainage Pipes And Fittings



Mechanical and thermal properties

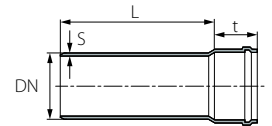
Property	Measuring method DN2		Symbol	Value
Density (g/cm ³)	DIN 53479	ISO 1183	p	1.39-1.40
Notch impact resistance (at 20°C / kJ/m ²)	DIN 53453	ISO 179	ak	3-4
Limited bending stress (N/mm ²)	DIN 53452		obG	95
Yield stress (N/mm ²)	DIN 43452	ISO 527-2/50	σs	55-60
Tear resistance (N/mm ²)	DIN 43452	ISO 527-2/50	E	800
Modulus of elasticity (N/mm ²)	DIN 53457	ISO 527	E	≥3000
Vicat softening point (°C)	DIN 53460	ISO 306-1	VSP/A	356
Thermal conductivity (W/Km)	DIN 52162		λ	0.15
Linear coefficient of thermal expansion (°C ⁻¹)	DIN VDE 0304-1-4		α	8X10-5
Water absorption (mg/cm ²)	DIN 8061			<4

DN (OD)	S(mm)	t (mm)	Kg/m	D (mm)
110	3.2	66	1.29	127
125	3.2	68	1.48	144
160	4.0	84	2.27	182
200	4.9	106	3.54	225
250	6.2	128	6.68	287
315	7.7	162	11.02	355
400	9.8	194	20.75	445





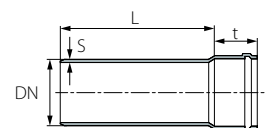
Kgem Single Socket Pipe (Push-Fit) Sn4

Code	DN	S	t	L	Material	Color		
51110050	110	3	58	500	PVC	Orange	10	320
51110100	110	3	58	1,000	PVC	Orange	10	160
51110200	110	3	58	2,000	PVC	Orange	4	50
51110300	110	3	58	3,000	PVC	Orange	4	50
51110400	110	3	58	4,000	PVC	Orange	4	50
51160025	160	4	74	250	PVC	Orange	1	144
51160050	160	4	74	500	PVC	Orange	2	70
51160100	160	4	74	1,000	PVC	Orange	1	35
51160200	160	4	74	2,000	PVC	Orange	1	25
51160300	160	4	74	3,000	PVC	Orange	1	25
51160400	160	4	74	4,000	PVC	Orange	1	25
51200050	200	4.9	90	500	PVC	Orange	2	40
51200100	200	4.9	90	1,000	PVC	Orange	1	20
51200300	200	4.9	90	3,000	PVC	Orange	1	15
51250100	250	6.2	125	1,000	PVC	Orange	1	30




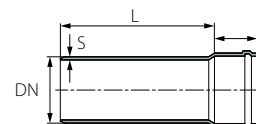
Kgem Single Socket Pipe (Push-Fit) Sn8

Code	DN	S	t	L	Material	Color		
56110300	110	3.2	58	3,000	PVC	Orange	4	50
56160300	160	4.7	74	3,000	PVC	Orange	1	25
56200300	200	5.9	90	3,000	PVC	Orange	1	15
56250300	250	7.3	125	3,000	PVC	Orange	1	10




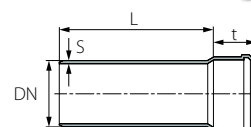
Single Socket Triple Layer Pipe Pvc (Push-Fit) Sn4 + Sn8

Code	SN	DN	S	t	L	Material	Color	
500110300	SN-4	110	2.95	58	3,000	PVC	Orange	63
500110400	SN-4	110	2.95	58	4,000	PVC	Orange	63
500160300	SN-4	160	4.1	74	3,000	PVC	Orange	28
500160400	SN-4	160	4.1	74	4,000	PVC	Orange	28
501110300	SN-8	110	3.4	58	3,000	PVC	Orange	63
501160300	SN-8	160	5.2	74	3,000	PVC	Orange	28
501200300	SN-8	200	6.5	90	3,000	PVC	Orange	15
501250300	SN-8	250	8	125	3000	PVC	Orange	10
501315300	SN-8	315	10.5	132	3000	PVC	Orange	6
501400300	SN-8	400	12.5	150	3000	PVC	Orange	4



Single Socket Triple Layer Pipe Pvc (Push-Fit) Sn4 + Sn8

Code	דרג קשיחות	DN	S	t	L	Material	Color	
514110100	SN - 4	110	3	58	1000	PPML	Orange	160
514110300	SN - 4	110	3	58	3000	PPML	Orange	63
514110400	SN - 4	110	3	58	4000	PPML	Orange	63
514160100	SN - 4	160	3	74	1000	PPML	Orange	36
514160300	SN - 4	160	3	74	3000	PPML	Orange	28
514160400	SN - 4	160	3	74	4000	PPML	Orange	28
568110300	SN - 8	110	3.7	58	3000	PPML	Orange	63
568160300	SN - 8	160	5.4	74	3000	PPML	Orange	28



* Minimum quantity per order is mandatory

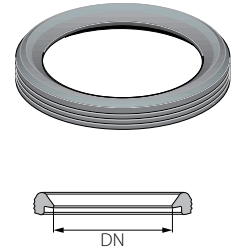
Lubricant For Plastic Pipes

Code	תאור המוצר		
47700012	250 ml	50	-
47700013	1000 ml	12	1,728





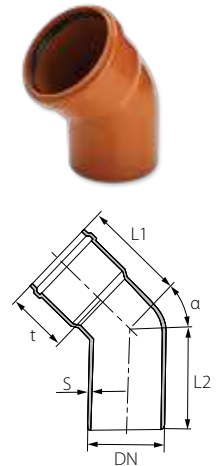
Lip Seal

Code	DN	Material	Color		
47640041	110	SBR	Black	20	6,000
47660041	160	SBR	Black	20	2,240
47680041	200	SBR	Black	20	1,080
47690041	250	SBR	Black	1	1,000
47631541	315	SBR	Black	1	
47635541	355	SBR	Black	1	
47649941	400	SBR	Black	1	





Kgb Bend 15°,30°,45°

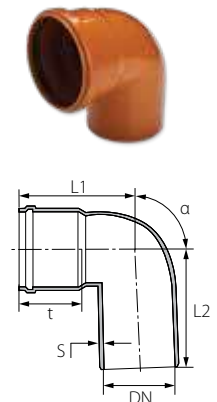
Code	DN	α	S	t	L1	L2	Material	Color		
83060150	160	15°	4.9	73	117	112	PP*	Orange	10	240
83060350	160	30°	4.9	73	117	112	PP*	Orange	10	240
83040450	110	45°	3.4	58	97	94	PP*	Orange	28	672
83060450	160	45°	4.5	73	129	123	PP*	Orange	10	240
83080440	200	45°	4.9	90	150	155	PP*	Orange	4	96
43090440	250	45°	6.2	125	219	158	PVC	Orange	1	24
43031430	315	45°	7.7	132	280	240	PVC	Orange	1	12
43045430	400	45°	11	130	31	31	PVC	Orange	1	



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Kgb Bend 87°

Code	DN	α	S	t	L1	L2	Material	Color		
83040850	110	87°	3.4	58	128	128	PP*	Orange	20	480
83060850	160	87°	4.9	73	175	170	PP*	Orange	8	192
43080840	200	87°	4.9	90	185	189	PVC	Orange	4	32
43090840	250	87°	6.2	125	310	310	PVC	Orange	1	18
43031830	315	87°	7.7	132	318	320	PVC	Orange	1	9
43049840	400	87°	11	130	40	40	PVC	Orange	1	4



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Kgb Bend With Inspection Cap

Code	DN	α	עם ביקורת עם	S	t	L1	L2	Material	Color		
43040457	110	45°	Back	3.2	74	122	74	PVC	Orange	18	432
43040458	110	45°	Right	3.2	74	122	74	PVC	Orange	10	384
43040459	110	45°	Left	3.2	74	122	74	PVC	Orange	10	384
43060457	160	45°	Back	4	75	145	116	PVC	Orange	8	-
43060458	160	45°	Right	4	75	145	116	PVC	Orange	8	-
43060459	160	45°	נאול	4	75	145	116	PVC	Orange	8	-
43040857	110	87°	Back	3.2	74	118	122	PVC	Orange	9	225
43040858	110	87°	Right	3.2	74	118	122	PVC	Orange	10	384
43040859	110	87°	Left	3.2	74	118	122	PVC	Orange	10	384
43060857	160	87°	Back	4	75	185	162	PVC	Orange	6	-
43060858	160	87°	Right	4	75	185	162	PVC	Orange	6	-
43060859	160	87°	Left	4	75	185	162	PVC	Orange	6	-
43080857	200	87°	Back	4.9	90	185	189	PVC	Orange	2	-



Left 45°



Right 45°



Back 45°



Left 87°





Right 87°



Back 87°

Kgea Single Branch

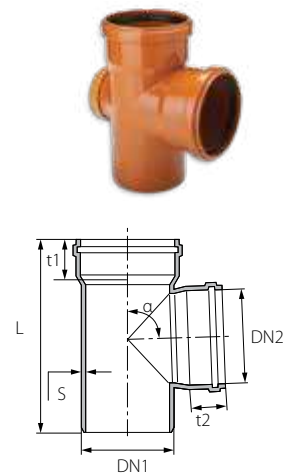
Code	Sign	DN1	DN2	α	S	t1	t2	L	Material	Color		
83344450	110/110/45	110	110	45°	3.4	58	58	295	PP*	Orange	10	240
83364450	160/110/45	160	110	45°	4.9	73	58	369	PP*	Orange	5	120
83366450	160/160/45	160	160	45°	4.9	73	73	404	PP*	Orange	4	100
43384450	200/110/45	200	110	45°	4.9	90	58	425	PVC	Orange	1	34
83386450	200/160/45	200	160	45°	6.4	93	73	436	PP*	Orange	2	16
83388450	200/200/45	200	200	45°	4.9	90	90	480	PP*	Orange	4	16
43398450	250/200/45	250	200	45°	6.2	125	90	490	PVC	Orange	1	12
43399450	250/250/45	250	250	45°	6.2	125	125	490	PVC	Orange	1	8
83344850	110/110/87	110	110	87°	3.4	58	58	275	PP*	Orange	10	240
83364850	160/110/87	160	110	87°	4.9	73	58	345	PP*	Orange	4	96
83366850	160/160/87	160	160	87°	4.9	73	73	356	PP*	Orange	4	96
43384850	200/110/87	200	110	87°	4.9	90	58	320	PVC	Orange	1	38
43386850	200/160/87	200	160	87°	4.9	90	74	370	PVC	Orange	1	32
43388850	200/200/87	200	200	87°	4.9	90	90	408	PVC	Orange	1	24
43396850	250/160/87	250	160	87°	6.2	125	74	415	PVC	Orange	1	18
43398850	250/200/87	250	200	87°	6.2	125	90	493	PVC	Orange	1	13
43399850	250/250/87	250	250	87°	6.2	125	125	520	PVC	Orange	1	12
43333830	315/315/87	315	315	87°	7.7	132	132	473	PVC	Orange	1	6

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KGEA Single Branch with Inspection cap

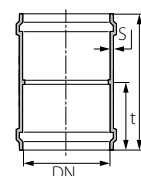
Code	Sign	DN1	DN2	α	עם ביקורת	S	t1	t2	L	Material	Color	
43344457	110/110/45	110	110	45°	Back	3.2	58	58	228	PVC	Orange	6





Kgmm Double Socket

Code	DN	S	t	L	Z	Material	Color		
83940055	110		17.0	97.0	9	PP*		32	896
83960055	160		23	119	10.6	PP*		12	288
83980050	200	3.2	78	163		PP*	Orange	8	200
43990050	250	3.2	118	250		PVC	Orange	1	36
43931550	315	7.1	145	290		PVC	Orange	1	16

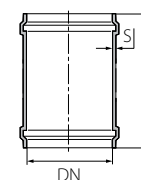
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Kgu Sleeve

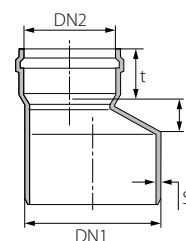
Code	DN	S	L	Material	Color		
83940053	110	3.3	130	PP*	Orange	32	896
83960053	160	4.5	147	PP*	Orange	12	288
83980053	200	4.9	216	PP*	Orange	8	200
43931553	315	7.5	290	PVC	Orange	9	16
43940553	400	8.5	250	PVC	Orange	1	-

* Image is for illustration purposes only





Kgr Reducer

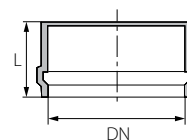
Code	Sign	DN1	DN2	S	t1	t2	L	Material	Color		
83464040	160/110	160	110	4.9	58	48	179	PP*	Orange	18	432
83486040	200/160	200	160	6.4	79	54	232	PP*	Orange	6	168
43498040	250/200	250	200	6.2	90	45	244	PVC	Orange	1	-
43440200	400/200	400	200	4.5	145	30	280	PVC	Orange	1	-



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Kgk Cap

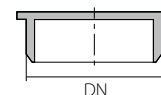
Code	DN	L	Material	Color		
83860052	160	86	PP*	Orange	20	560
43880052	200	100	PVC	Orange	10	-



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Kgk End Cap

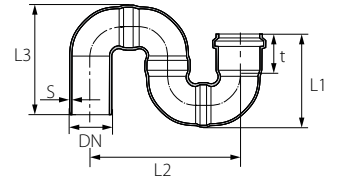
Code	DN	Material	Color		
83860050	160	PP*	Orange	24	627
43880050	200	PVC	Orange	30	240
43890050	250	PVC	Orange	1	96
43831550	315	PVC	Orange	1	52
43840050	400	PVC	Orange	1	-




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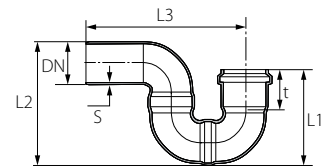
S Siphon 110

Code	DN	S	t	L1	L2	L3	Material	Color	
43640050	110	3.2	58	179	282	176	PVC	Orange	6




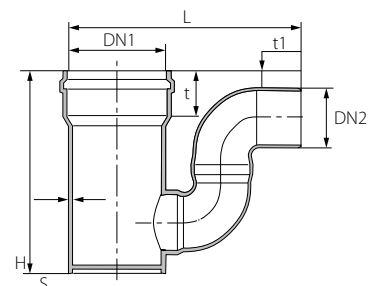
P Siphon 110

Code	DN	S	t	L1	L2	L3	Material	Color	
43640051	110	3.2	58	179	251	286	PVC	Orange	10




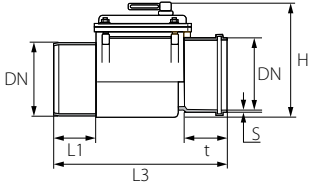
Sewage Floor Trap

Code	Sign	DN1	DN2	S	t	t1	L	H	Material	Color	
44164050	160-110	160	110	4	76	30	386	301	PVC	Orange	1
44184050	200-110	200	110	4.9	100	30	428	301	PVC	Orange	1
44186050	200-160	200	160	4.9	100	30	437	301	PVC	Orange	1





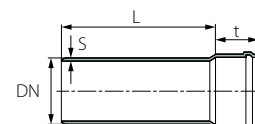
Single Return Water Seal

Code	DN	S	L1	L2	L3	H	Material	Color	
44040000	110	3.2	61	61	307	230	PVC	Orange	1
44060000	160	4	74	74	337	255	PVC	Orange	1
44080000	200	4.9	100	86	451	300	PVC	Orange	1
44090000	250	6.7	130	117	520	380	PVC	Orange	1
44031000	315	8.3	160	120	615	440	PVC	Orange	1



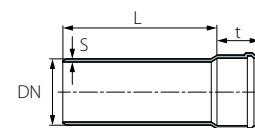
Electrical Cable Protection Pipes

Code	SN	DN	S	t	L	Material	Color		
57110610	8	110	3.2	120	6,000	PVC	אפור	1	50
57160610	8	160	4.7	140	6,000	PVC	אפור	1	25
57225610	8	225	6.9	165	6,000	PVC	אפור	1	10





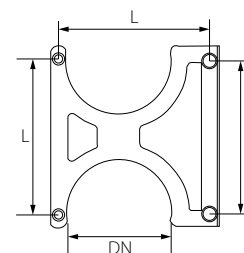
Telecommunication Cable Protection Pipes

Code	SN	DN	S	t	L	Material	Color		
57110600	8	110	3.2	62	6,000	PVC	אפור	1	50



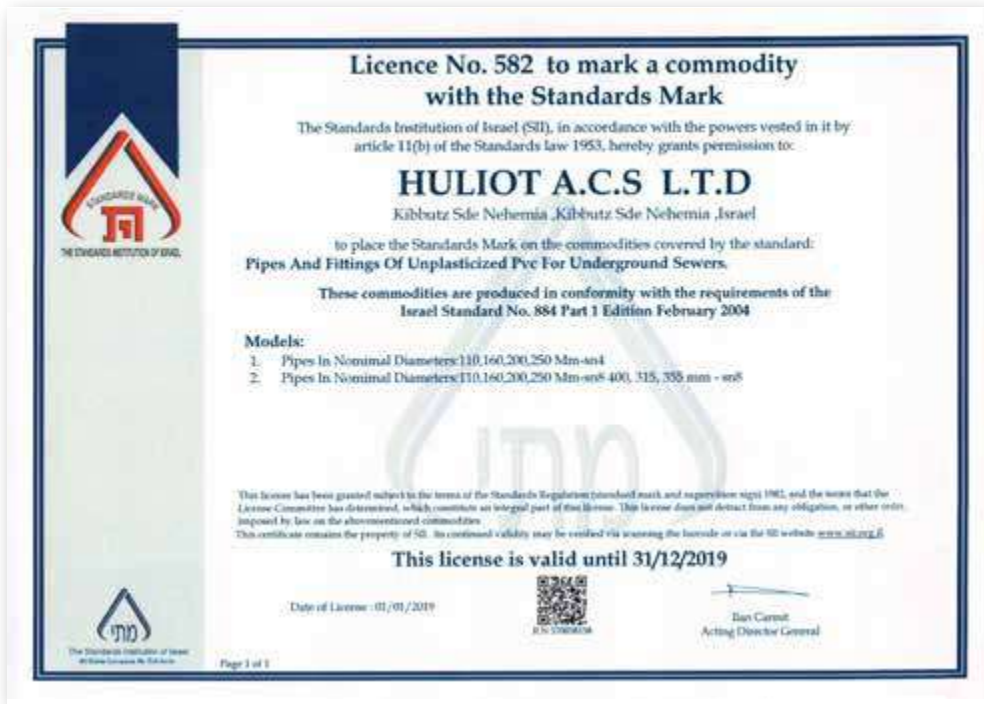
Plastic Pipe Spacer

Code	DN	L	Material	Color		
49040043	110	160	PP	Black	70	1680

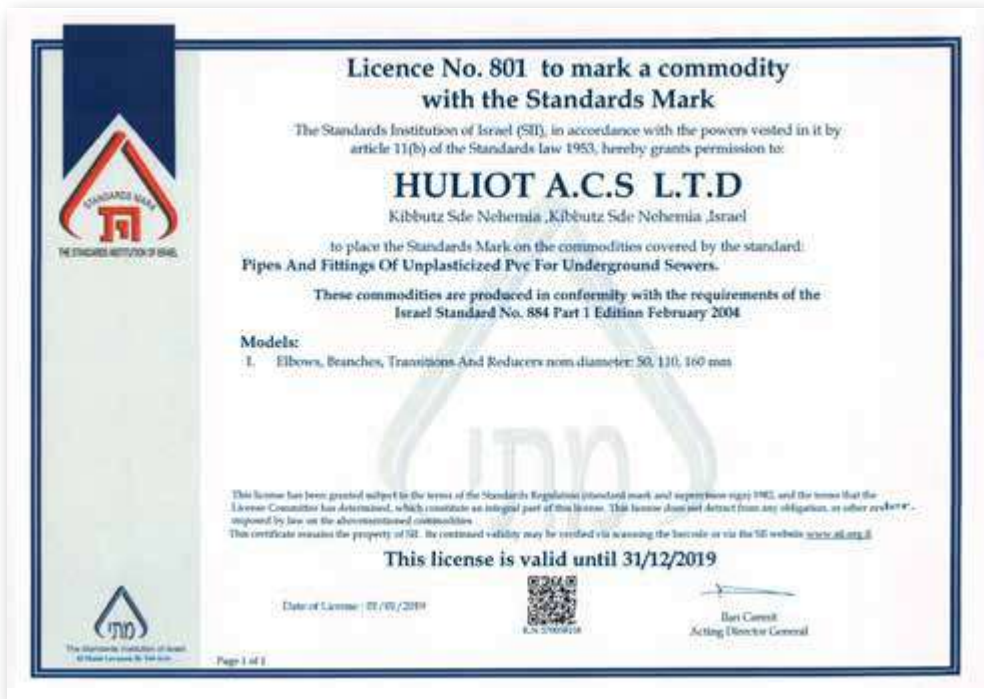


Certificates

582-Pipes And Fittings Of Unplasticized Pvc For Underground Sewers



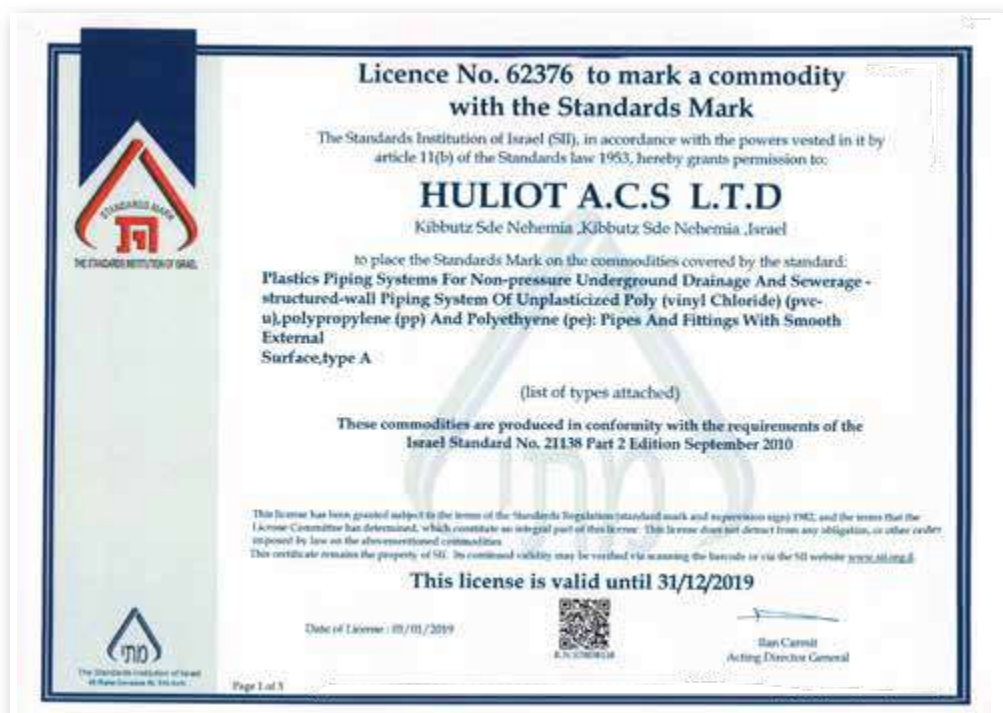
801-Pipes And Fittings Of Unplasticized Pvc For Underground Sewers



62378- Plastics Conduits Systems For Electric And Communication Installations



62376-Plastics Piping Systems For Non Pressure Underground Drainage And Sewerage





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SYSTEMS

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