

Valrom Industrie SRL

Bd. Preciziei nr. 28, sector 6,
cod 062204, București
Tel: + 4 021 317 38 00;
Fax: + 4 037 289 94 45;
www.valrom.ro; office@valrom.ro
REG COM J40/4810/1996
CIF RO8529679
Capital social: 6.706.000 lei

FISA TEHNICA RAMIFICATII <SafeKIT> PEHD

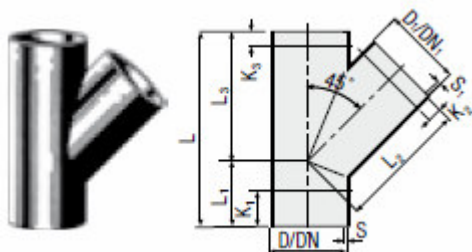
1. Domeniu de utilizare:

- Sunt in conformitate cu cerintele standardului UNI EN 1519 si pot fi utilizate in interiorul cladirilor rezidentiale si industriale pentru:
 - retele de canalizare interioara pentru evacuarea apelor menajere (la temperatura joasa sau ridicata)
 - sisteme de ventilatie naturala pentru instalatia de canalizare interioara
 - rețeaua de canalizare ape pluviale din interiorul cladirilor



2. Caracteristici dimensionale:

RAMIFICATIE EGALA LA 45°

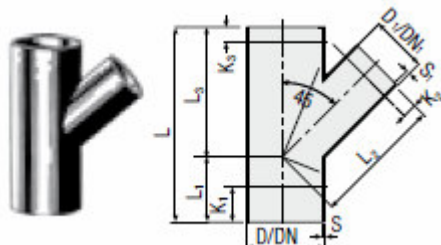


Cod	D	S/S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	Kg	
46645032032	32	3	110	35	75	20	20	20	0.045	50
46645040040	40	3	135	45	90	25	30	30	0.070	50
46645050050	50	3	165	55	110	35	20	20	0.105	20
46645056056	56	3	180	60	120	40	25	25	0.130	20
46645063063	63	3	195	65	130	40	25	25	0.155	15
46645075075	75	3	210	70	140	40	25	25	0.205	20
46645090090	90	3.5	240	80	160	50	20	20	0.320	15
46645110110	110	4.3	270	90	180	55	20	20	0.530	10
46645125125	125	4.9	300	100	200	60	20	20	0.765	10
46645200200	200*	6.2	540	180	360	85	10	10	2.990	1
46645250250	250*	7.8	660	220	440	115	55	55	5.800	1
46645315315	315*	9.8	840	280	560	160	95	95	11.100	1

*sudate

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RAMIFICATIE REDUSA 45°


Cod	D ₁	D ₂	S	S ₁	L	L ₁	L ₂	K ₁	K ₂	K ₃	Kg	
46645040032	40	32	3	3	135	45	50	25	30	20	0.095	50
46645050040	50	40	3	3	165	55	110	40	45	45	0.100	20
46645063040	63	40	3	3	195	65	130	40	30	30	0.105	15
46645063050	63	50	3	3	195	65	130	40	30	30	0.150	15
46645075040	75	40	3	3	210	70	140	60	30	40	0.150	25
46645075050	75	50	3	3	210	70	140	60	30	40	0.190	25
46645075056	75	56	3	3	210	70	140	55	25	35	0.190	25
46645075063	75	63	3	3	210	70	140	55	25	35	0.190	25
46645090040	90	40	3.5	3	240	80	160	80	40	50	0.270	15
46645090050	90	50	3.5	3	240	80	160	80	40	50	0.275	15
46645090056	90	56	3.5	3	240	80	160	75	35	45	0.275	20
46645090063	90	63	3.5	3	240	80	160	65	30	25	0.275	15
46645090075	90	75	3.5	3	240	80	160	65	30	25	0.300	15
46645110040	110	40	4.3	3	270	90	180	95	50	55	0.450	10
46645110050	110	50	4.3	3	270	90	180	95	50	55	0.440	10
46645110056	110	56	4.3	3	270	90	180	90	40	45	0.455	10
46645110063	110	63	4.3	3	270	90	180	80	35	40	0.455	10
46645110075	110	75	4.3	3	270	90	180	75	30	35	0.470	10
46645110090	110	90	4.3	3.5	270	90	180	65	25	30	0.485	10
46645125040	125	40	4.9	3	300	100	200	95	45	50	0.610	10
46645125050	125	50	4.9	3	300	100	200	95	45	50	0.630	10
46645125056	125	56	4.9	3	300	100	200	95	45	50	0.630	10
46645125063	125	63	4.9	3	300	100	200	95	40	50	0.585	10
46645125075	125	75	4.9	3	300	100	200	95	40	50	0.630	10
46645125090	125	90	4.9	3.5	300	100	200	80	35	30	0.650	10
46645125110	125	110	4.9	4.3	300	100	200	70	25	25	0.700	10
46645160040*	160	40	6.2	3	375	125	250	150	90	120	1.100	1
46645160050*	160	50	6.2	3	375	125	250	150	90	110	1.100	1
46645160056*	160	56	6.2	3	375	125	250	145	90	110	1.100	1
46645160063*	160	63	6.2	3	375	125	250	140	85	105	1.110	1
46645160075*	160	75	6.2	3	375	125	250	130	80	100	1.200	1
46645160090*	160	90	6.2	3	375	125	250	120	70	90	1.200	1
46645160110	160	110	6.2	4.3	375	125	250	110	45	55	1.250	1
46645160125	160	125	6.2	4.9	375	125	250	100	40	50	1.300	1
46645200110*	200	110	6.2	4.3	540	180	360	150	140	65	2.400	1
46645200125*	200	125	6.2	4.9	540	180	360	140	130	55	2.500	1
46645200160*	200	160	6.2	6.2	540	180	360	115	85	35	2700	1
46645250110*	250	110	7.8	4.3	660	220	440	215	185	150	4.400	1
46645250125*	250	125	7.8	4.9	660	220	440	205	175	140	4.750	1
46645250160*	250	160	7.8	6.2	660	220	440	180	130	50	4.850	1
46645250200	250	200	7.8	6.2	660	220	440	150	50	90	5.000	1
46645315110*	315	110	9.8	4.3	840	280	560	305	260	235	8.600	1

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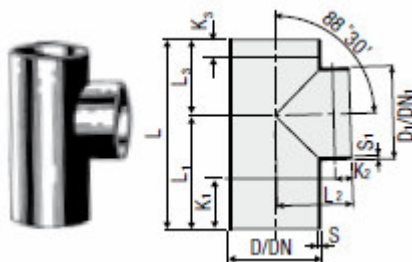
REG COM J40/4810/1996

CIF RO8529679

Capital social: 6.706.000 lei

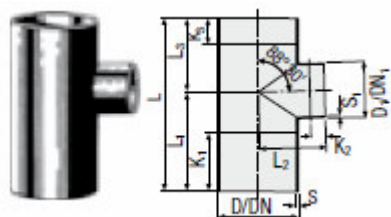
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46645315125*	315	125	9.8	4.9	840	280	560	290	250	220	9.150	1
46645315160*	315	160	9.8	6.2	840	280	560	270	205	200	9.150	1
46645315200*	315	200	9.8	6.2	840	280	560	240	125	175	9.450	1
46645315250*	315	250	9.8	7.8	840	280	560	205	130	140	9.250	1

* sudate

RAMIFICATIE 88°30'


Cod	D	S/S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	Kg	
46690032032	32	3	85	50	35	25	10	10	0.025	80
46690040040	40	3	130	75	55	45	20	20	0.060	50
46690050050	50	3	150	90	60	55	25	25	0.085	30
46690056056	56	3	175	105	70	65	30	30	0.105	25
46690063063	63	3	175	105	70	60	25	25	0.120	20
46690075075	75	3	175	105	70	55	25	25	0.145	15
46690090090	90	3.5	200	120	80	65	25	25	0.220	20
46690110110	110	4.3	225	135	90	65	20	20	0.365	15
46690125125	125	4.9	250	150	100	70	20	20	0.510	15
46690160160	160	6.2	350	210	140	105	30	30	1.190	1
46690200200*	200	6.2	360	180	180	25	30	25	1.705	1
46690250250*	250	7.8	440	220	220	40	40	40	3.100	1
46690315315*	315	9.8	560	280	280	70	65	70	6.150	1

*sudate

RAMIFICATIE REDUSA 88°30'


Cod	D ₁	D ₂	S	S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	Kg	
46690040032	40	32	3	3	130	75	55	50	20	25	0.050	50
46690050040	50	40	3	3	150	90	60	60	25	30	0.080	25
46690056050	56	50	3	3	175	105	70	70	30	35	0.105	25
46690063040	63	40	3	3	175	105	70	70	30	35	0.115	20
46690063050	63	50	3	3	175	105	70	70	30	35	0.125	20
46690075040	75	40	3	3	175	105	70	75	25	35	0.140	25
46690075050	75	50	3	3	175	105	70	70	25	35	0.140	20
46690075056	75	56	3	3	175	105	70	65	25	30	0.140	20
46690075063	75	63	3	3	175	105	70	60	25	25	0.145	20
46690090050	90	40	3.5	3	200	120	80	85	25	45	0.205	20
46690090056	90	50	3.5	3	200	120	80	85	25	45	0.410	20
46690090063	90	56	3.5	3	200	120	80	85	25	35	0.410	20

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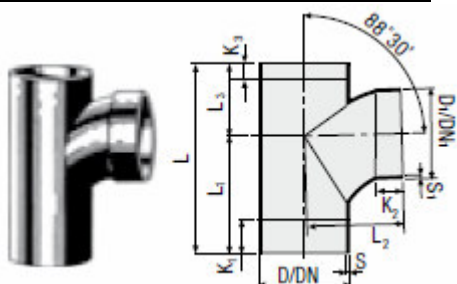
REG COM J40/4810/1996

CIF RO8529679

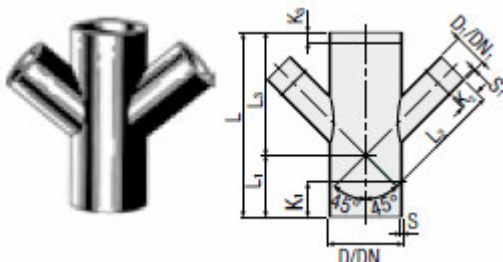
Capital social: 6.706.000 lei

Cod	D ₁	D ₂	S	S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	Kg	
46690090075	90	63	3.5	3	200	120	80	75	25	35	0.410	20
46690090075	90	75	3.5	3	200	120	80	70	25	30	0.430	20
46690110040	110	40	4.3	3	225	135	90	100	25	60	0.345	15
46690110050	110	50	4.3	3	225	135	90	95	25	50	0.345	15
46690110056	110	56	4.3	3	225	135	90	90	25	45	0.345	15
46690110063	110	63	4.3	3	225	135	90	95	25	35	0.340	15
46690110075	110	75	4.3	3	225	135	90	85	25	35	0.345	15
46690110090	110	90	4.3	3.5	225	135	90	75	25	30	0.360	15
46690125110	125	110	4.9	4.3	250	150	100	80	20	30	0.490	15
46690160110	160	110	6.2	4.3	350	210	140	135	45	60	1.120	1
46690160125	160	125	6.2	4.9	350	210	140	125	45	50	1.145	1
46690200110*	200	110	6.2	4.3	360	180	180	70	60	70	1.510	1
46690200125*	200	125	6.2	4.9	360	180	180	65	60	65	1.460	1
46690200160*	200	160	6.2	6.2	360	180	180	45	50	45	1.600	1
46690250110*	250	110	7.8	4.3	440	220	220	110	75	110	2.715	1
46690250125*	250	125	7.8	4.9	444	220	220	105	75	105	2.420	1
46690250160*	250	160	7.8	6.2	440	220	220	85	65	85	2.800	1
46690250200*	250	200	7.8	6.2	440	220	220	65	60	65	2.820	1
46690315110*	315	110	9.8	4.3	560	280	280	170	100	170	5.315	1
46690315125*	315	125	9.8	4.9	560	280	280	165	100	165	5.420	1
46690315160*	315	160	9.8	6.2	560	280	280	145	90	145	5.370	1
46690315200*	315	200	9.8	6.2	560	280	280	120	65	120	5.570	1
46690315250*	315	250	9.8	7.8	560	280	280	95	65	95	5.620	1

* sudate

RAMIFICATIE CURBATA 88°30'


Cod	D	S/S ₁	L	L ₁	L ₂	L ₃	K ₁	K ₂	K ₃	Kg	
46690110111	110	4.3	230	140	120	90	90	40	20	0.415	15

RAMIFICATIE DUBLA REDUSA 45°


Cod	D ₁	D ₂	S	S ₁	L	L ₁	L ₂ /L ₃	K ₁	K ₂	K ₃	Kg	
46745110040	110	40	4.3	3	270	90	180	95	30	15	0.435	10
46745110050	110	50	4.3	3	270	90	180	95	30	15	0.455	10
46745110110	110	110	4.3	4.3	270	90	180	50	15	15	0.630	5

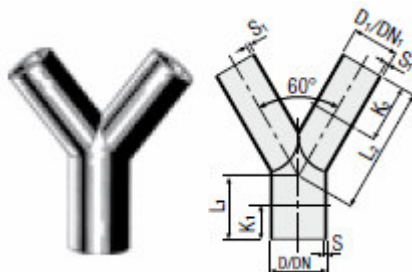
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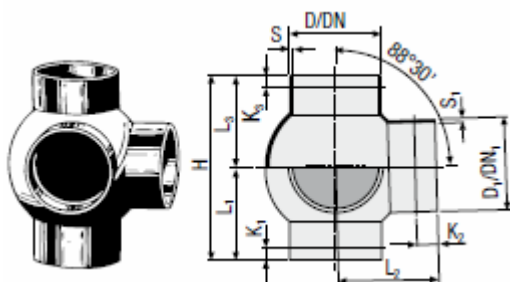
REG COM J40/4810/1996

CIF RO8529679

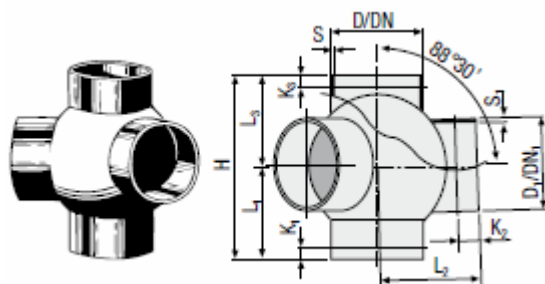
Capital social: 6.706.000 lei

RAMIFICATIE DUBLA "Y" 60°


Cod	D ₁	D ₂	S	S ₁	L ₁	L ₂	K ₁	K ₂	Kg	
46760050041	50	40	3	3	55	110	40	50	0.093	25
46760063051	63	50	3	3	65	130	50	40	0.141	25
46760110111	110	110	4.3	4.3	90	120	50	-	0.393	10

RAMIFICATIE SFERICA CU DOUA DERIVATII LA 90°


Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46820901105	110	50	4.3	3	220	105	120	15	15	0.450	5
46820901106	110	56	4.3	3	220	105	120	15	15	0.425	5
46820901107	110	75	4.3	3	220	105	120	15	15	0.500	5
46820901111	110	110	4.3	4.3	220	105	120	15	15	0.505	5
46820901205	125	50	4.9	3	220	110	125	15	15	0.500	5
46820901206	125	56	4.9	3	220	110	125	15	15	0.500	5
46820901207	125	75	4.9	3	220	110	125	15	15	0.530	5
46820901209	125	90	4.9	3.5	220	110	125	15	15	0.540	5
46820901211	125	110	4.9	4.3	220	110	125	15	25	0.605	5
46820901212	125	125	4.9	4.9	220	110	125	15	25	0.620	5

RAMIFICATIE SFERICA CU DOUA DERIVATII LA 135°


Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46821351105	110	50	4.3	3	220	105	120	15	15	0.440	5
46821351106	110	56	4.3	3	220	105	120	15	15	0.445	5

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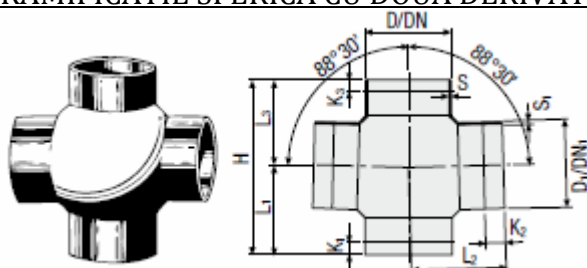
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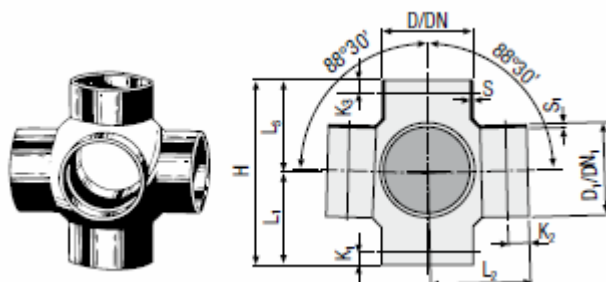
CIF RO8529679

Capital social: 6.706.000 lei

Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46821351107	110	75	4.3	3	220	105	120	15	15	0.455	5
46821351109	110	90	4.3	3.5	220	105	120	15	15	0.470	5
46821351111	110	110	4.3	4.3	220	105	120	15	25	0.500	5
46821351205	125	50	4.9	3	220	110	125	15	15	0.490	5
46821351206	125	56	4.9	3	220	110	125	15	15	0.555	5
46821351207	125	75	4.9	3	220	110	125	15	15	0.565	5
46821351209	125	90	4.9	3.5	220	110	125	15	15	0.575	5
46821351211	125	110	4.9	4.3	220	110	125	15	25	0.600	5
46821351212	125	125	4.9	4.9	220	110	125	15	25	0.740	5

RAMIFICATIE SFERICA CU DOUA DERIVATII LA 180°


Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46821801105	110	50	4.3	3	220	105	120	15	15	0.440	5
46821801106	110	56	4.3	3	220	105	120	15	15	0.450	5
46821801107	110	75	4.3	3	220	105	120	15	15	0.430	5
46821801109	110	90	4.3	3.5	220	105	120	15	15	0.470	5
46821801111	110	110	4.3	4.3	220	105	120	15	15	0.480	5
46821801205	125	50	4.9	3	220	110	125	15	15	0.495	5
46821801206	125	56	4.9	3	220	110	125	15	15	0.500	5
46821801207	125	75	4.9	3	220	110	125	15	15	0.555	5
46821801209	125	90	4.9	3.5	220	110	125	15	15	0.555	5
46821801211	125	110	4.9	4.3	220	110	125	15	25	0.565	5
46821801212	125	125	4.9	4.9	220	110	125	15	25	0.625	5

RAMIFICATIE SFERICA CU TREI DERIVATII LA 90°


Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46830901105	110	50	4.3	3	220	105	120	15	15	0.320	5
46830901106	110	56	4.3	3	220	105	120	15	15	0.470	5
46830901107	110	75	4.3	3	220	105	120	15	15	0.460	5
46830901109	110	90	4.3	3.5	220	105	120	15	15	0.510	5
46830901111	110	110	4.3	4.3	220	105	120	15	15	0.545	5
46830901205	125	50	4.9	3	220	110	125	15	15	0.575	5
46830901206	125	56	4.9	3	220	110	125	15	15	0.515	5
46830901207	125	75	4.9	3	220	110	125	15	15	0.515	5

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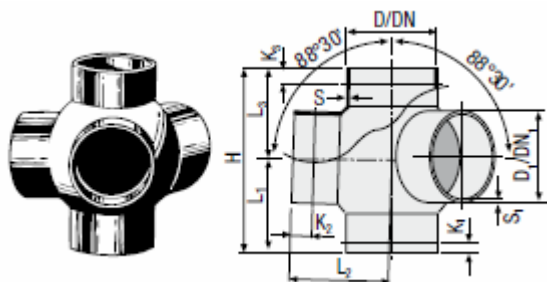
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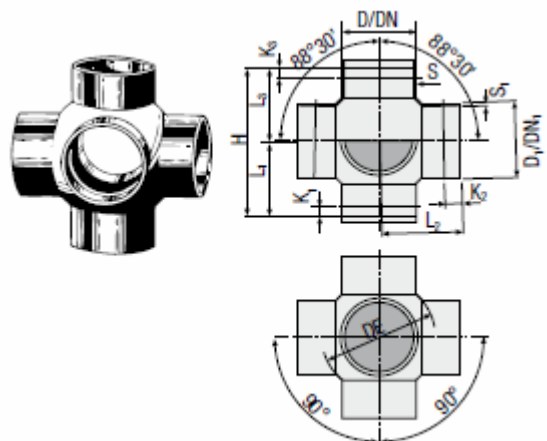
CIF RO8529679

Capital social: 6.706.000 lei

Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46830901209	125	90	4.9	3.5	220	110	125	15	15	0.525	5
46830901211	125	110	4.9	4.3	220	110	125	15	25	0.595	5
46830901212	125	125	4.9	4.9	220	110	125	15	25	0.670	5

RAMIFICATIE SFERICA CU TREI DERIVATII LA 135°


Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46831351105	110	50	4.3	3	220	105	120	15	15	0.465	5
46831351106	110	56	4.3	3	220	105	120	15	15	0.455	5
46831351107	110	75	4.3	3	220	105	120	15	15	0.440	5
46831351109	110	90	4.3	3.5	220	105	120	15	15	0.450	5
46831351111	110	110	4.3	4.3	220	105	120	15	15	0.540	5
46831351205	125	50	4.9	3	220	110	125	15	15	0.630	5
46831351206	125	56	4.9	3	220	110	125	15	15	0.515	5
46831351207	125	75	4.9	3	220	110	125	15	15	0.620	5
46831351209	125	90	4.9	3.5	220	110	125	15	15	0.630	5
46831351211	125	110	4.9	4.3	220	110	125	15	25	0.620	5
46831351212	125	125	4.9	4.9	220	110	125	15	25	0.670	5

RAMIFICATIE SFERICA CU PATRU DERIVATII LA 90°


Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46840901105	110	50	4.3	3	220	105	120	15	15	0.480	5
46840901106	110	56	4.3	3	220	105	120	15	15	0.480	5
46840901107	110	75	4.3	3	220	105	120	15	15	0.475	5
46840901109	110	90	4.3	3.5	220	105	120	15	15	0.535	5
46840901111	110	110	4.3	4.3	220	105	120	15	15	0.575	5
46840901205	125	50	4.9	3	220	110	125	15	15	0.530	5
46840901206	125	56	4.9	3	220	110	125	15	15	0.485	5
46840901207	125	75	4.9	3	220	110	125	15	15	0.425	5

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REG COM J40/4810/1996
CIF RO8529679
Capital social: 6.706.000 lei

Cod	D ₁	D ₂	S	S ₁	H	L ₁ /L ₃	L ₂	K ₁ /K ₃	K ₂	Kg	
46840901209	125	90	4.9	3.5	220	110	125	15	15	0.680	5
46840901211	125	110	4.9	4.3	220	110	125	15	25	0.690	5
46840901212	125	125	4.9	4.9	220	110	125	15	25	0.740	5

3. Caracteristici tehnice:

- Material: granule de polietilena de inalta densitate de culoare neagra.

Proprietati	Valori	UM	Metoda testare
Densitate la 23°C	>0.945	g/cm ³	UNI EN ISO 1183-2
Indice de fluiditate 190°C/5.0 kg	<1.1	g/10 min	UNI EN ISO 1133
Modul de elasticitate	1000	Mpa	ISO 527-2
Alungirea la rupere	≥ 350	%	ISO 6259 - 3
Continut negru de fum	≥2.0	%	ASTM D 1603
Timpul de inductie a oxidarii (OIT) 200°C	≥20	min	EN 728
Temperatura de topire a cristalelor	≥130	°C	EN 728
Coeeficient de dilatare termica liniara	0.20	mm/m*k	-

- Marcaj: cuprinde nume producator, material (pehd), diametru nominal si unghiul, standardul de referinta, domeniul de aplicatie (B/BD).
- Standardul UNI EN 1519 stabileste diferite domenii de aplicatie, identificate prin marcaj, astfel:
- domeniul de aplicatie **B**: - tevi si fittinguri utilizate in interiorul sau exteriorul cladirilor, prinse de un perete. Nu pot fi utilizate in aplicatii subterane.
 - domeniul de aplicatie **D**: - tevi si fittinguri utilizate ingropat sub cladiri la o distanta nu mai mare de 1m si conectate la sistemul de canalizare de apa menajera al acestora.
 - domeniul de aplicatie **BD**: - tevi si fittinguri utilizate in interiorul sau exteriorul cladirilor prinse de un perete si subteran in jurul structurii cladirii (maxim 1m fata de cladire). Pentru aceasta utilizare sunt acceptate doar diametrele nominale egale sau mai mari de 75 mm ce apartin seriei S12,5.

4. Ambalare, manipulare, transport si depozitare:

- Se livreaza ambalate in cutii de carton.
- Manipularea in timpul operatiilor de incarcare si descarcare se va face cu grija pentru a fi evitate loviturile violente, zgarieturile, deformatiile.
- Depozitati produsele in spatii special amenajate, protejate de intemperii, temperaturi scazute, radiatia solara directa, asezandu-le pe suprafete orizontale si uniforme.

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5. Garantie si alte cerinte:

- 2 ani pe baza facturii, cu conditia respectarii instructiunilor de transport, manipulare, depozitare, conform prescriptiilor din "Cartea tehnica Safekit" disponibila pe site-ul **www.valrom.ro**.