

ÖZEL KISALTMALAR

ABBREVIATIONS

PP	Polipropilen	Polypropylenes
PP GF 30	Camelyaf takviyeli polipropilen	Polypropylenes, glass fibre reinforced
PP TV 40	Talk katkılı polipropilen	Polypropylenes, talc reinforced (MgSi)
PPE GF 30	Camelyaf takviyeli polipropileneter	Polyphenylenether, glass fibre reinforced
PC	Polikarbonat	Polycarbonates
PVC	Polivinilklor	Polyvinylchlorides
ABS	Akrilonitril-butadiyen-stireol polimer	Acrylonitrile-butadiene-styrol-polymers
PA	Poliamidit	Polyamides
PA 66 GF 30	Camelyaf takviyeli poliamit	Polyamides, glass fibre reinforced
GG-20	Döküm demir	Cast iron
CTP	Cam elyaf takviyeli polyester	Polyester, glass fibre reinforced
PE	Polieten	Polyethylene
GFK	Cam elyaf takviyeli plastik	Glassfibre reinforced plastic
BSP	İngiliz boru standardı	British standart pipe
JIS	Japon ulusal standardı	Japanese international standart
ASTM	Amerikan ulusal standardı	American society for testing and mater.
TSE	Türk standartları enstitüsü	Turkish standards inst.

PVC BORULAR ET KALINLIĞI, METRE AĞIRLIK VE DEBİ HESAPLARI TABLOSU

PVC PIPES WALL THICKNESS, WEIGHT AND FLOWS CALCULATIONS TABLE

Dış Çap Outer D. (mm)	Et kalınlığı Wall thick. (mm)	Ağırlık Weight (kg/m)	İç Çapı Inner D. (mm)	Emme Hattı Suction Line (1.7 m/s)	Basma Hattı Pumping Line (2.5 m/s)	Taşıma Ana Arteri Overflow Channel Eğim=1.5 (0.75 m/s)	Kolektör Collectors (0.5 m/s)
	EN AZ			DEBİ (m³/h)	DEBİ (m³/h)	DEBİ (m³/h)	DEBİ (m³/h)
20	1,1	0,098	17	1,39	2,04	0,61	0,41
25	1,5	0,174	21	2,12	3,12	0,94	0,62
32	1,6	0,239	28	3,77	5,54	1,66	1,11
40	1,9	0,350	36	6,23	9,16	2,75	1,83
50	2,4	0,552	45	9,73	14,31	4,29	2,86
63	3,0	0,854	57	15,62	22,97	6,89	4,59
75	3,6	1,220	67	21,58	31,73	9,52	6,35
90	4,3	1,746	81	31,54	46,38	13,91	9,28
110	4,2	2,110	100	48,06	70,68	21,21	14,14
125	4,8	2,715	113	61,37	90,26	27,08	18,05
140	5,4	3,423	126	76,31	112,22	33,67	22,44
160	6,2	4,485	145	101,06	148,61	44,58	29,72
200	7,7	6,917	181	157,47	231,57	69,47	46,31
225	8,6	8,687	203	198,07	291,28	87,38	58,26
250	9,6	10,758	226	245,50	361,02	108,31	72,20
280	10,7	13,411	253	307,66	452,44	135,73	90,49
315	12,1	17,077	285	390,41	574,13	172,24	114,83
400	15,3	27,346	362	629,86	926,27	277,88	185,25

KUM FİLTRELERİ DEBİ TABLOSU FARKLI HIZ VE ÇAPLAR İÇİN

SAND FILTERS FLOW CHART VS VELOCITY AND DIAMETER

İç Çap Inner D.	Yüzey Area. (mm²)	Debiler (m³/s) - Flows (m³/h)					
		50 m/h	45 m/h	40 m/h	35 m/h	30 m/h	20 m/h
450 MM	0,159	8,0	7,2	6,4	5,6	4,8	3,2
600 MM	0,283	14,2	12,7	11,3	9,9	8,5	5,7
650 MM	0,332	16,6	14,9	13,3	11,6	10,0	6,6
800 MM	0,503	25,2	22,6	20,1	17,6	15,1	10,1
900 MM	0,636	31,8	28,6	25,4	22,3	19,1	12,7
950 MM	0,709	35,5	31,9	28,4	24,8	21,3	14,2
1050 MM		43,0		34,0		26,0	
1250 MM	1,227	61,4	55,2	49,1	42,9	36,8	24,5
1600 MM	2,011	100,6	90,5	80,4	70,4	60,3	40,2
2000 MM	3,142	157,1	141,4	125,7	110,0	94,3	62,8

PRATİK BİLGİLER

PRACTICAL CONVERSATIONS

Uzunluk	1 m	=	3,281 ft
Alan	1 m²	=	10,764 ft²
Hacim	1 m³	=	35,315 ft³
Hız	1 m/s	=	3,281 ft/s
Basınç	1 P(N/m²)	=	0,00015 PSI
Ağırlık	1 gr	=	0,035 oz.
Debi	1 m³/h	=	11,007 gal/h
Enerji	1 kcal/min	=	0,07 kW
Sıcaklık	1 C	=	1,8°C+32 F
Ağırlık	1 kg	=	2,205 lb
Güç	1 hp	=	0,745 kW