

ASTM D-1785 SCH-40

Nominal Size Inches	OD (d) mm		Thicknes (s) mm		Weight kg /m		Pressure PSI
	min	max	min	max	min	max	
1/2	21.34	21.44	2.77	3.28	0.249	0.287	600
3/4	26.67	26.77	2.87	3.38	0.323	0.372	480
1	33.40	33.53	3.38	3.89	0.482	0.544	450
1-1/4	42.16	42.29	3.56	4.07	0.651	0.734	370
1-1/2	48.26	48.41	3.68	4.019	0.777	0.957	330
2	60.32	60.47	3.91	4.42	1.043	1.168	280
2-1/2	73.02	73.20	5.16	5.77	1.655	1.833	300
3	88.90	89.10	5.49	6.15	2.178	2.419	260
4	114.30	114.53	6.02	6.73	3.125	3.465	220
5	141.30	141.55	6.55	7.34	4.225	4.70	190
6	168.28	168.56	7.11	7.97	5.487	6.108	180
8	218.08	219.46	8.18	9.17	8.14	9.08	160
10	273.05	273.43	9.27	10.39	11.55	12.892	140
12	323.85	324.23	10.31	11.55	15.347	17.112	130
14	355.60	355.98	11.10	12.45	18.10	20.216	130
16	406.40	406.88	12.70	14.22	23.657	26.375	130
18	457.20	457.68	14.27	15.97	29.893	33.313	130
20	508.00	508.58	15.06	16.86	35.10	39.141	120
24	609.60	618.39	17.45	19.53	48.836	54.449	120

ASTM D-1785 SCH-80

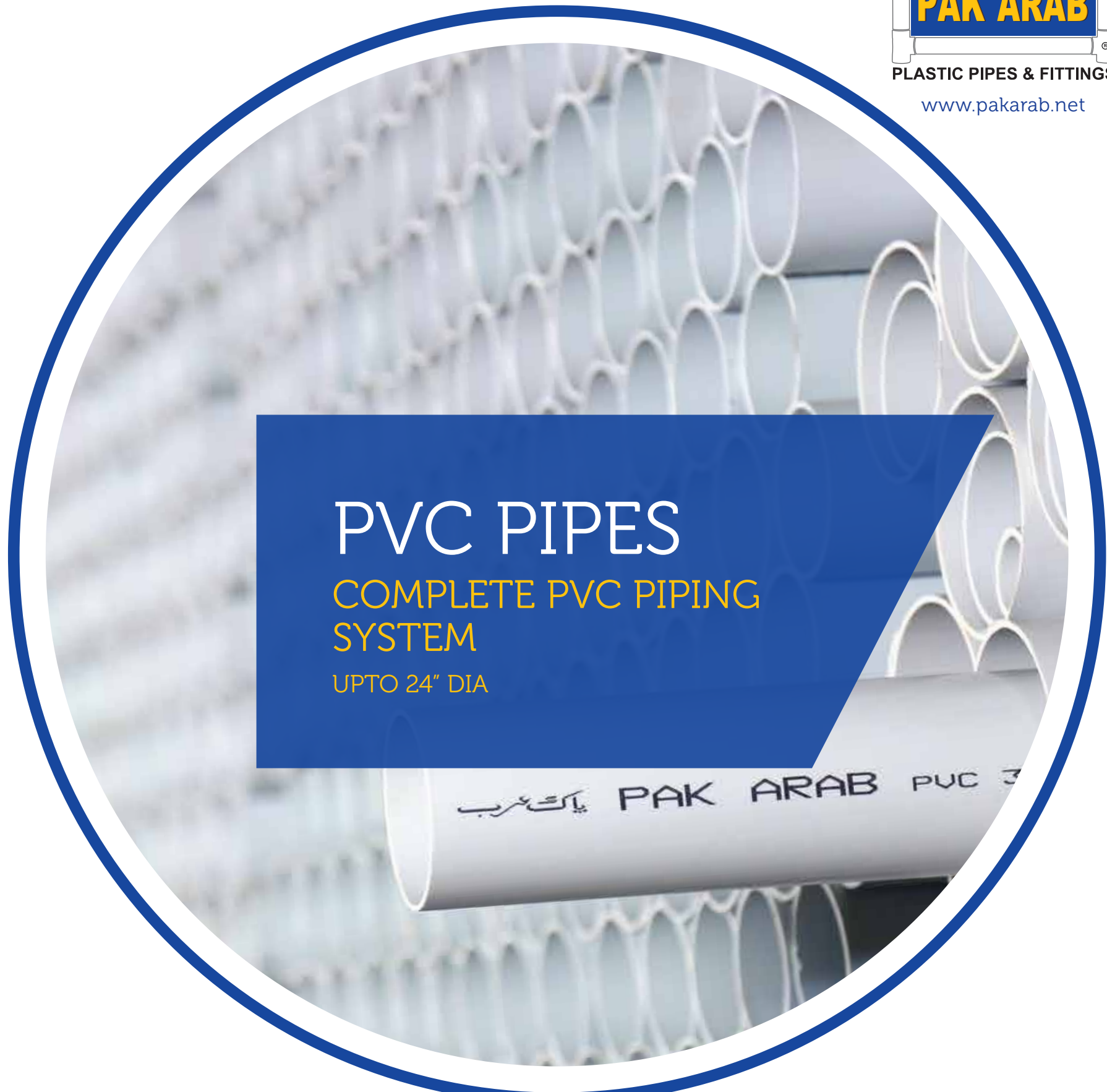
Nominal Size Inches	OD (d) mm		Thicknes (s) mm		Weight kg /m		Pressure PSI
	min	max	min	max	min	max	
1/2	21.34	21.44	3.73	3.88	0.312	0.322	850
3/4	26.67	26.77	3.91	4.42	0.422	0.464	690
1	33.40	33.53	4.55	5.08	0.619	0.679	630
1-1/4	42.16	42.29	4.85	5.43	0.853	0.941	520
1-1/2	48.26	48.41	5.08	5.69	1.034	1.142	470
2	60.32	60.47	5.54	6.20	1.43	1.58	400
2-1/2	73.02	73.20	7.01	7.85	2.18	2.41	420
3	88.90	89.10	7.62	8.53	2.922	3.23	370
4	114.30	114.53	8.56	9.58	4.27	4.736	320
5	141.300	141.55	9.52	10.66	5.92	6.572	290
6	168.28	168.56	10.97	12.29	8.143	9.00	280
8	218.08	219.46	12.70	14.22	12.35	13.729	250
10	273.05	273.43	15.06	16.86	18.31	20.358	230
12	323.85	324.23	17.45	19.53	25.21	28.00	230
14	355.60	355.98	19.05	21.34	30.22	33.624	220
16	406.40	406.88	21.41	23.98	38.85	43.22	220
18	457.20	457.68	23.80	26.64	48.619	54.064	220
20	508.00	508.58	26.19	29.34	59.48	66.194	220
24	609.60	618.39	30.94	34.65	84.38	93.896	210

منتجات مصنع زكا، سنز للپلاستيك



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UPTO 24" DIA



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FEATURES OF PAKARAB PIPE

1. Zaka Sons offers a complete PVC Piping System under the name of "PakArab".
2. Supply, drainage, sewerage system, industrial, irrigation, cable-ducting and well casing are the major areas where PVC pipes are installed.
3. Our PVC pipes are produced on modern European two lines and four lines extruders which contribute in both giving quality to the product and volume output.
4. PakArab PVC pipes are readily available in the market, supported by a large and efficient dealer network.
5. These supply of pipes are backed by the availability of a wide range of PVC fittings, particularly those fittings required in high-rise applications and projects.
6. All PakArab PVC pipes are manufactured in conformity to international specification such as ASTM, BS, and DIN etc. In Pakistan our products are certified by Pakistan Standard Quality Control Authority (PSQCA) & ISO 9001:2008.
7. We exercise strict quality control program to ensure that our PVC products are thermally electrically, mechanically and chemically reliant.
8. Some other feature of PakArab pipes are easy installation, light weight, strength, non-toxic, corrosion resistant and non-flammable.
9. With our quality pipes we also provide technical advisory & after sales services.



APPLICATION

- PVC pipes (ASTM D-1785 Sch.40 & 80, D-2241 SDR Series and D-3034 SDR 35) fulfill the "need of every utility". PakArab PVC pipes are used for potable water supply, Pressure Systems, Sewerage, Drainage, Housing, Industrial and Chemical effluents. Available in pipe diameters ranges from 1/2" to 24" inches, available in standard length of 6 meters in White & Grey colors.
- UPVC pipes (BS 3505)(PS 3501)(Class B, C, D & E) is capable of handling extreme Water pressure. Suitable applications for conveyance and distribution of Potable water, Sewerage, Irrigation, Agriculture, Underground firefighting Lines and industrial effluents, available in Class B, C, D & E, in sizes from 1/2" to 24", available In standard lengths of 4 and 6 meters in Grey colors.
- PVC Fittings ASTM D-2466 (sch.40) PakArab PVC Fittings available in sizes from 1/2" to 6" are produced In-house at same quality standards as of our pipes, according to customer needs, large sizes fittings, available in sch. 80, are imported from various international manufacturer which are mostly used in pressure industrial systems.

PRE-QUALIFICATION

Zaka Sons has vast experience in public and private sectors because of high demands of its piping systems; it has therefore contributed significantly in the development of various national projects. PAKARAB brand of pipes & fittings are widely acclaimed and accepted, as a result, we stand pre-qualified in various government ministries, semi-government organizations, NGO's and concerns in the private sector. We have participated in many tenders and have successfully supplied our pipes and fittings for several project requirements according to customer demands.

PS 3051 (BS 3505)

Nominal Size Inches	Outside Dia (d) mm		CLASS B 6 BAR				CLASS C 9 BAR				CLASS D 12 BAR				CLASS E 15 BAR							
			Wall Thickness (s) mm		Weight kg /m		Wall Thickness (s) mm		Weight kg /m		Wall Thickness (s) mm		Weight kg /m		Wall Thickness (s) mm		Weight kg /m					
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max				
1/2	21.20	21.50																	1.70	2.10	0.15	0.16
3/4	26.60	26.90																	1.90	2.50	0.21	0.22
1	33.40	33.70																2.20	2.70	0.31	0.32	
1-1/4	42.10	42.40										2.20	2.70	0.39	0.41	2.70	3.20	0.48	0.50			
1-1/2	48.10	48.40										2.50	3.00	0.51	0.54	3.10	3.70	0.63	0.66			
2	60.20	60.50					2.50	3.00	0.65	0.69	3.40	3.70	0.80	0.83	3.90	4.50	0.99	1.04				
2-1/2	75.00	75.30					3.00	3.05	0.99	1.03	3.90	4.50	1.25	1.31	4.80	5.50	1.52	1.60				
3	88.70	89.10	2.90	3.40	1.12	1.20	3.50	4.10	1.34	1.42	4.60	5.30	1.74	1.83	5.70	6.60	2.13	2.24				
4	114.10	114.50	3.40	4.00	1.69	1.79	4.50	5.20	2.22	2.34	6.00	6.90	2.91	3.06	7.30	8.40	3.50	3.67				
5	140.00	140.40	3.80	4.40	2.33	2.45	5.50	6.40	3.33	3.50	7.30	8.40	4.36	4.56	9.00	10.4	5.30	5.55				
6	168.00	168.50	4.50	5.20	3.30	3.49	6.60	7.60	4.72	5.00	8.00	10.20	6.30	6.61	10.80	12.50	7.63	8.01				
8	218.80	219.40	5.30	6.10	5.09	5.33	7.80	9.00	7.40	7.77	10.30	11.90	9.66	10.11	12.60	14.50	11.63	12.26				
10	272.60	273.40	6.60	7.60	7.89	8.31	9.70	11.20	11.47	12.05	12.80	14.80	14.95	15.69	15.70	18.10	18.13	19.03				
12	323.40	324.30	7.80	9.00	11.07	11.64	11.50	13.30	16.13	16.96	15.20	17.50	21.06	22.08	18.70	21.60	25.62	26.87				
14	355.00	356.00	8.50	9.80	13.24	13.94	12.60	14.50	19.40	20.39	16.70	19.20	25.40	26.66	20.50	23.60	30.83	32.35				
16	405.90	406.90	9.70	11.20	17.28	18.17	14.50	16.70	25.52	26.82	19.00	21.90	33.05	34.66	23.40	27.00	40.24	42.22				
18	456.70	457.70	11.00	12.70	22.04	23.14	16.30	18.80	32.27	33.83	21.40	24.60	41.88	43.97	-	-	-	-				
20	507.50	508.50	12.20	14.10	27.17	28.50	18.10	20.90	39.83	41.77	-	-	-	-	-	-	-	-				
24	609.10	610.10	14.60	16.80	39.02	41.01	21.70	25.00	57.31	60.15	-	-	-	-	-	-	-	-				

ASTM D-2241 SDR SERIES

Nominal Size Inches	Outside Dia (d) mm		SDR-26				SDR-32.5				SDR-41				SDR-64							
			Wall Thickness (d) mm		Weight kg /m (S)		Wall Thickness (d) mm		Weight kg /m (S)		Wall Thickness (d) mm		Weight kg /m (S)		Wall Thickness (d) mm		Weight kg /m (S)					
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max				
1/2	21.34	21.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4	26.67	26.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	33.40	33.53	1.52	2.02	0.23	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/4	42.16	42.29	1.63	2.13	0.31	0.40	1.52	2.02	0.29	0.38	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2	48.26	48.41	1.85	2.35	0.40	0.51	1.52	2.02	0.34	0.44	-	-	-	-	-	-	-	-	-	-	-	-
2	60.32	60.47	2.31	2.81	0.63	0.76	1.85	2.35	0.51	0.64	-	-	-	-	-	-	-	-	-	-	-	-
2-1/2	73.02	73.20	2.79	3.29	0.92	1.08	2.24	2.73	0.75	0.90	-	-	-	-	-	-	-	-	-	-	-	-
3	88.90	89.10	3.43	3.93	1.38	1.57	2.74	3.24	1.11	1.30	2.16	2.67	0.88	1.08	-	-	-	-	-	-	-	-
4	114.30	114.53	4.39	4.89	2.27	2.52	3.50	4.00	1.83	2.08	2.79	3.30	1.46	1.72	1.78	2.29	1.25	1.30	-	-	-	-
5	141.30	141.55	5.44	6.12	3.48	0.39	4.34	4.87	2.80	3.13	3.45	3.95	2.24	2.56	2.21	2.72	1.66	1.70	-	-	-	-
6	168.28	168.56	6.48	7.27	4.94	5.52	5.18	5.79	3.98	4.43	4.11	4.61	3.17	3.55	2.64	3.15	2.00	2.20	-	-	-	-
8	219.08	219.46	8.18	9.20	8.13	9.10	6.73	7.54	6.74	7.52	5.33	5.96	5.36	5.98	3.43	3.94	3.49	3.55	-	-	-	-
10	273.05	273.43	10.49	11.76	12.98	14.47	8.41	9.43	10.48	11.71	6.65	7.43	8.34	9.30	4.24	4.78	6.00	6.30	-	-	-	-
12	323.85	324.23	12.45	13.95	18.27	20.38	9.96	11.15	14.73	16.43	7.90	8.84	11.76	13.12	5.05	5.66	7.59	7.65	-	-	-	-
14	355.60	355.98	13.66	15.28	22.01	24.51	10.92	12.24	13.77	19.81	8.66	9.87	14.16	16.08	-	-	-	-	-	-	-	-
16	406.40	406.88	15.62	17.50	28.77	32.02	12.50	14.00	23.20	25.89	9.91	11.30	18.52	21.04	-	-	-	-	-	-	-	-
18	457.20	457.68	17.58	19.69	36.42	40.60	14.07	15.75	29.38	32.77	11.15	12.70	23.44	16.60	-	-	-	-	-	-	-	-
20	508.00	508.58	19.53	21.87	44.96	50.11	15.62	17.50	36.25	40.45	12.39	14.12	28.94	32.86	-	-	-	-	-	-	-	-
24	609.60	610.39	23.44	26.26	64.75	72.19	18.75	20.99	52.21	58.23	14.86	16.94	41.65	47.31	-	-	-	-	-	-	-	-

PRESSURE READING | PSI of SDR 26 =160 for all sizes | PSI of SDR 32.5 =125 for all sizes | PSI of SDR 41 =100 for all sizes | PSI of SDR 64 =63 for all sizes