



FABCO PLASTIC FACTORY CO. LTD.

SINCE 1975

شركة مصنع فابكو للبلاستيك المحدودة

منذ ١٩٧٥



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We cover  credibility

QSCert, spol. s r. o.
Management Systems Certification Body
Křovákova ulice, Pilsen 280 01, Czech Republic
P.O. Box 150, Dammam 31411, Kingdom of Saudi Arabia

by this

CERTIFICATE

certifies that the Quality Management System of

FABCO PLASTIC FACTORY



P.O. Box 150, 2nd Industrial City,
Dammam 31411,
Kingdom of Saudi Arabia

has been established and duly implemented and company applies it in accordance with the standard

ISO 9001:2008

provisions for the following areas:

Processing & distribution of PVC/ CPVC / Plastic Pipes and Fittings, Plastic Injection Molded items, Extruded Items, PVC / CPVC/ Plastic Compounds and granules. Manufacturing of Moulds and dies.

Certified locations: P.O. Box 150, 2nd Industrial City, Dammam 31411, Kingdom of Saudi Arabia

On the basis of certification audit, protocol No **C 001/12-1** it was proven that the management system meets the requirements of the above listed standard.

Certificate No.: Q-1364/12
Zvolen: 06.06.2012
Expiry date: 05.06.2015



Ing. Marcel Sluch
Chief Executive

This certificate is valid only if it is published among valid certificates on www.qscert.com





Technical Data of FABCO uPVC Pipes

FABCO uPVC pipes are manufactured in accordance with SAS 14 & 15/1396H (1975) (Saudi Arabian Standard Organization) for potable water which correspond to DIN 19532, DIN 19534, DIN 8061, DIN 8062 and also incorporated with ISO Standards (ISO R 161) FABCO uPVC pipes are also manufactured in accordance with SAS 255, 254/ (1981) for electrical installation.

A. PROPERTIES as per Saudi Arabian Standards 14 & 15 1396/H

1. Physical Properties

Properties at 20°C	Units	Values	Method of Evaluation
Specific Gravity at 23/23°C	g/cc	1.43	ASTMD 792
Flammability	Will not support Combustion		ASTMD 635
Resistance to Burning	sec	<30	BS 4607 Part 2:70
Softening Point (VSP 5 kgf)	°C	82	BS 2782 : 1976
Shore D Hardness		81	ASTMD 2240 - 75
Thermal Conductivity	W/m-K	0.17	BS 874 : 1973
Co-efficient of Linear Expansion	°C	6 X 10 ⁻⁵	ASTMD 696
Specific Heat	cal/g°C	0.25	

2. Mechanical Properties

Tensile Strength 20°C at Break	kg/cm ²	480-550	ISOR 257
Impact strength (Izod/Charpy)	Joule/M	35	ASTM - 1784
Impact Strength (Free Falling)		No Break	SAS 14 1396/H and BS 3506
Modulus of Elasticity	MN/m ²	2000	ASTM - 1784
Compressive Strength	kg/cm ²	668	BS 4607 Part 2:70
Flexural Strength	kg/cm ²	950	ASTMD 790
Elongation at Break	%	>80	ISOR 527
Yield Stress	kg/cm ²	>400	ISOR 527
Resistance to Heat	mm (Impression Diameter)	<2	BS 4607 Part 2/70

3. Chemical Properties

Resistance to Sulphuric Acid	g/45mm ²	-0.13/+3.19	SAS 14/15/1396H
Resistance to Methylene Chloride	%	<3	ISO 250 8/81
Resistance to Water Absorption	mg/cm ²	<2.0	ISO 250 8/81
Resistance to Alkaline	No Effect		and DIN8061

4. Toxicity

Toxicity	mg/L	Pb<0.3 Sn<0.02 Ba Zn<0.01 Cd	SAS 14 1396/H
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5. Electrical Properties

Volume Resistivity	ohm/cm	10 ¹⁴	
Surface Resistance	ohm	10 ¹²	DIN 53482
Power Factor at 10 ⁵ Hertz		3	
Dielectric Strength	V/mil	1400	BS 4607 Part 2/70
Insulation Resistance	M.ohm	1.1 x 10 ⁵	BS 4607 Part 2/70



B. PROPERTIES as per American Standard ASTM -D-1784

1. Material Properties

Material Polyvinyl Chloride(PVC)
Table: 1 All values at 23 °C

2. Physical Properties

Specific Gravity : 1.42 g/cc
Flammability Self Extinguishing
Water Absorption(boiling) <4mg/cm²

3. Mechanical Properties

Izod Impact Strength 4.0 ft lb/in Notch
Tensile Strength 7500 p.s.i
Flexural Strength 13500 p.s.i
Modulus of Elasticity 5.0×10^5 p.s.i
Flattening No Splitting

4. Thermal Properties

Vicat Softening Point (5 Kg) >80 °C
Thermal Conductivity 0.13 K Cal/m.h. °C
Coeff of Linear Expansion 5.0×10^{-5} /°C
Specific Heat 0.25 Cal/°C

5. Electrical Properties

Dielectric Strength >40 KV/mm
Surface Resistivity >10 ohm
Volume Resistivity >10 ohm.cm

TYPES OF PIPE JOINTS

Plain Ended



Solvent Cement Joint (SCJ Type)



Rubber Seal Ring Joint (R/J Type)





FABCO uPVC Pipes - British Stds.

FABCO uPVC PRESSURE PIPES AS PER BS 3505/3506 FOR WATER SUPPLY IRRIGATION AND INDUSTRIAL USE

SR NO	PRODUCT DESCRIPTION	OUTSIDE DIAMETER MIN(MM)	WALL THICKNESS MIN(MM)	AVG. WEIGHT (KG) MTR	PRESSURE AT 20° C. (LONG TERM TESTS)	
					BAR	PSI
1	1/2" Class E	21.2	1.7	0.170	15	217.5
2	1/2" Class 6	21.2	2.8	0.255	28	406.0
3	1/2" Class 7	21.2	3.7	0.309	40	580.0
4	3/4" Class E	26.6	1.9	0.235	15	217.5
5	3/4" Class 6	26.6	2.9	0.332	22	319.0
6	3/4" Class 7	26.6	3.9	0.424	32	464.0
7	1" Class E	33.4	2.2	0.350	15	217.5
8	1" Class 6	33.4	3.4	0.495	24	348.0
9	1" Class 7	33.4	4.5	0.614	32	464.0
10	1 1/4" Class D	42.1	2.2	0.450	9	130.5
11	1 1/4" Class E	42.1	2.7	0.528	15	174.0
12	1 1/4" Class 6	42.1	3.6	0.652	20	290.0
13	1 1/4" Class 7	42.1	4.8	0.850	28	406.0
14	1 1/2" Class D	48.1	2.5	0.582	12	174.0
15	1 1/2" Class E	48.1	3.1	0.697	15	217.5
16	1 1/2" Class 6	48.1	3.7	0.780	18	261.0
17	1 1/2" Class 7	48.1	5.1	1.030	25	362.5
18	2" Class C	60.2	2.5	0.740	9	130.5
19	2" Class D	60.2	3.1	0.986	12	174.0
20	2" Class E	60.2	3.9	1.079	15	217.5
21	2" Class 7	60.2	5.5	1.450	22	319.0
22	3" Class B	88.7	2.9	1.260	6	87.0
23	3" Class C	88.7	3.5	1.470	9	130.5
24	3" Class D	88.7	4.6	1.920	12	174.0
25	3" Class E	88.7	5.7	2.347	15	217.5
26	4" Class B	114.1	3.4	1.874	6	87.0
27	4" Class C	114.1	4.5	2.400	9	130.5
28	4" Class D	114.1	6.0	3.208	12	174.0
29	4" Class E	114.1	7.3	3.800	15	217.5
30	6" Class B	168.0	4.5	3.950	6	87.0
31	6" Class C	168.0	6.6	5.150	8	116.0
32	6" Class D	168.0	8.8	6.908	12	174.0
33	6" Class E	168.0	10.8	8.324	15	217.5
34	8" Class B	218.8	5.3	5.556	6	87.0
35	8" Class C	218.8	7.8	8.080	8	116.0
36	8" Class D	218.8	10.3	10.674	12	174.0
37	8" Class E	218.8	12.6	12.710	15	217.5

NP = NON-PRESSURE

PRESSURE RATED AT 20° C. 2% OF RATED PRESSURE SHOULD BE REDUCED FOR EACH 1° C RISE ABOVE 20° C.

PIPES ARE STANDARDISED AT 6 M LENGTH. OTHER LENGTHS AVAILABLE ON REQUEST

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: WHITE/DARK GREY. OTHER COLOURS OFFERED ON REQUEST



FABCO uPVC PIPE AS PER BS 4514(FOR SOIL PIPES USED FOR ABOVE GROUND DRAINAGE APPLICATIONS)

SR NO	NOMINAL PIPE SIZE (MM)	NOMINAL PIPE SIZE (INCH)	OUTSIDE DIAMETER MIN(MM)	WALL THICKNESS MIN(MM)	NOMINAL WEIGHT KG/M	SOLVENT CEMENT JOINTED END (SCJ)	RUBBER JOINTED END (R/J)
1	82	3"	82.4	3.2	1.20	YES	
2	110	4"	110.0	3.2	1.68	YES	YES
3	160	6"	160.0	3.2	2.41	YES	YES

PIPES ARE STANDARDISED AT 4, 5.8 & 6 Mtrs LENGTH. COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST.

FABCO uPVC PIPE AS PER BS 5255(FOR WASTE PIPES USED FOR ABOVE GROUND APPLICATIONS)

SR NO	NOMINAL PIPE SIZE (MM)	NOMINAL PIPE SIZE (INCH)	OUTSIDE DIAMETER Min (MM)	WALL THICKNESS Min (MM)	WEIGHT (KG)/MTR
1	32	1 1/4"	36.15	1.8	0.345
2	40	1 1/2"	42.75	1.9	0.427
3	50	2"	55.75	2.0	0.586

CAN BE MANUFACTURED FROM UPVC . PIPES ARE STANDARDISED AT 4, 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST

FABCO PVC PIPE AS PER BS 4660 & EN 1401-1 (SDR- 41)(FOR UNDERGROUND AND SEWER APPLICATIONS ie DRAIN PIPES FOR GARDENS, FIELDS, DRIVEWAYS, YARDS & SUB ROADS)

SR NO (MM)	NOMINAL PIPE SIZE (INCH)	NOMINAL PIPE SIZE MIN (MM)	WALL THICKNESS	WEIGHT (KG)/MTR
1	4"	110	3.2	1.680
2	6"	160	4.1	3.030

BS 4660 APPLIES TO DRAIN PIPE TO BE LAID UNDER GARDENS, FIELDS, DRIVEWAYS, YARDS & ROADS OTHER THAN MAIN ROADS. MAX WHEEL LOAD NOT TO EXCEED 7000 KGS. COVER DEPTHS NOT TO BE LESS THAN 1.2M(4 FT)

PIPES ARE STANDARDISED AT 5.8 & 6 MTRS LENGTH.

SOCKET: STANDARDISED AT SOLVENT CEMENT JOINTED (SCJ) & RUBBER JOINTED (R/J). PLAIN ENDS AVAILABLE ON REQUEST.

COLOUR: GOLDEN BROWN/GREY. OTHER COLOURS OFFERED ON REQUEST

FABCO uPVC PIPE AS PER BS 5481 & EN 1401-1 (SDR- 41)(FOR UNDERGROUND AND SEWER APPLICATIONS)

SR NO	NOMINAL PIPE SIZE (MM)	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	200	200	4.9	4.679
2	250	250	6.1	7.296
3	315	315	7.7	11.110
4	400	400	9.8	17.800

THE VALUES OF WALL THICKNESS AS MENTIONED UNDER BS 5481 ARE FOR A STANDARD DIMENSION RATIO (SDR) OF 41 AS PER ISO TECHNICAL COMMITTEE WORKING GROUP I (ISO/TC-138WG1)

PIPES ARE STANDARDISED AT 6M LENGTH. OTHER LENGTHS AVAILABLE ON REQUEST.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ) & ANGER JOINT PLAIN END AVAILABLE ON REQUEST

COLOUR: GOLDEN BROWN/GREY OTHER COLOURS OFFERED ON REQUEST.



FABCO uPVC Pipes - DIN Stds.

FABCO uPVC PIPE AS PER DIN 19531(FOR ABOVE GROUND DRAINAGE APPLICATIONS)

SR NO	NOMINAL PIPE SIZE (MM)	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	40	40	1.8	0.334
2	50	50	1.8	0.422
3	75	75	1.8	0.642
4	110	110	2.2	1.160
5	125	125	2.5	1.480
6	160	160	3.2	2.410

PIPES ARE STANDARDISED AT 4.5, 8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). RUBBER JOINTED (R/J) ARE AVAILABLE FOR 75MM & ABOVE. PLAIN END AVAILABLE ON REQUEST.

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST

FABCO uPVC PIPE AS PER DIN 19534(FOR SEWER PIPE/GRAVITY APPLICATIONS)

SR NO	NOMINAL PIPE SIZE (MM)	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	110	110	3.0	1.63
2	160	160	3.6	2.65
3	200	200	4.5	4.12
4	250	250	6.1	7.00
5	315	315	7.7	11.11
6	400	400	9.8	17.80

PIPES ARE STANDARDISED AT 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ) & RUBBER JOINTED (R/J). PLAIN END AVAILABLE ON REQUEST.

COLOUR: GOLDEN BROWN. OTHER COLOURS OFFERED ON REQUEST

FABCO uPVC PIPES MEETING SAUDI SAS 14 & 15 1396/H AND DIN 8061/8062: 19532 STANDARDS

SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG)/MTR	PRESSURE AT 20° C. (LONG TERM TESTS)		SOLVENT CEMENT JOINTED PIPES (SCJ)		RUBBER JOINTED PIPES (R/J)	
				BAR	PSI	SOCKET LENGTH	SOCKET LENGTH	SOCKET LENGTH	SOCKET LENGTH
1	16 mm Class 5	1.20	0.090	16	232	YES	20	-	-
2	16 mm Class 6	1.80	0.123	20	290	YES	20	-	-
3	20 mm Class 5	1.50	0.137	16	232	YES	25	-	-
4	20 mm Class 6	2.30	0.196	20	290	YES	25	-	-
5	25 mm Class 4	1.50	0.174	10	145	YES	30	-	-
6	25 mm Class 5	1.90	0.212	16	232	YES	30	-	-
7	25 mm Class 6	2.80	0.294	20	290	YES	30	-	-
8	32 mm Class 4	1.80	0.264	10	145	YES	35	-	-
9	32 mm Class 5	2.40	0.342	16	232	YES	35	-	-
10	32 mm Class 6	3.60	0.482	20	290	YES	35	-	-
11	40 mm Class 3	1.80	0.334	6	87	YES	42	-	-
12	40 mm Class 4	1.90	0.350	10	145	YES	42	-	-
13	40 mm Class 5	3.00	0.525	16	232	YES	42	-	-



SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG)/MTR	PRESSURE AT 20° C. (LONG TERM TESTS)		SOLVENT CEMENT JOINTED PIPES (SCJ) SOCKET LENGTH		RUBBER JOINTED PIPES (RJ) SOCKET LENGTH	
				BAR	PSI				
14	40 mm Class 6	4.50	0.750	20	290	YES	42	-	-
15	50 mm Class 3	1.80	0.422	6	87	YES	50	-	-
16	50 mm Class 4	2.40	0.552	10	145	YES	50	-	-
17	50 mm Class 5	3.70	0.809	16	232	YES	50	-	-
18	50 mm Class 6	5.60	1.160	20	290	YES	50	-	-
19	63 mm Class 3	1.90	0.562	6	87	YES	65	-	-
20	63 mm Class 4	3.00	0.854	10	145	YES	65	YES	99
21	63 mm Class 5	4.70	1.290	16	232	YES	65	YES	99
22	63 mm Class 6	7.00	1.820	20	290	YES	65	-	-
23	75 mm Class 2	1.80	0.642	4	58	YES	71	-	-
24	75 mm Class 3	2.20	0.782	6	87	YES	71	YES	103
25	75 mm Class 4	3.60	1.220	10	145	YES	71	YES	103
26	75 mm Class 5	5.60	1.820	16	232	YES	71	YES	103
27	75 mm Class 6	8.40	2.600	20	290	YES	71	-	-
28	90 mm Class 2	1.80	0.774	4	58	YES	75	-	-
29	90 mm Class 3	2.70	1.130	6	87	YES	75	YES	108
30	90 mm Class 4	4.30	1.750	10	145	YES	75	YES	108
31	90 mm Class 5	6.70	2.610	16	232	YES	75	YES	108
32	90 mm Class 6	10.00	3.700	20	290	YES	75	-	-
33	110 mm Class 1	1.80	0.950	3	36	YES	91	-	-
34	110 mm Class 2	2.20	1.160	4	58	YES	91	YES	115
35	110 mm Class 3	3.20	1.640	6	87	YES	91	YES	115
36	110 mm Class 4	5.30	2.610	10	145	YES	91	YES	115
37	110 mm Class 5	8.20	3.900	16	232	YES	91	YES	115
38	125 mm Class 3	3.70	2.130	6	87	YES	91	-	-
39	125 mm Class 4	6.00	3.340	10	145	YES	91	-	-
40	140 mm Class 3	4.10	2.650	6	87	YES	109	-	-
41	140 mm Class 4	6.70	4.180	10	145	YES	109	-	-
42	160 mm Class 2	3.20	2.410	4	58	YES	130	YES	132
43	160 mm Class 3	4.70	3.440	6	87	YES	130	YES	132
44	160 mm Class 4	7.70	5.470	10	145	YES	130	YES	132
45	160 mm Class 5	11.90	8.170	16	232	YES	130	YES	132
46	200 mm Class 3	5.90	5.370	6	87	YES	140	YES	155
47	200 mm Class 4	9.60	8.510	10	145	YES	140	YES	155
48	200 mm Class 5	14.90	12.800	16	232	YES	140	YES	155
49	225 mm Class 3	6.60	6.760	6	87	YES	150	YES	155
50	225 mm Class 4	10.80	10.800	10	145	YES	150	YES	155
51	225 mm Class 5	16.70	16.100	16	232	YES	150	YES	155
52	250 mm Class 3	7.30	8.310	6	87	YES	170	YES	175
53	250 mm Class 4	11.90	13.200	10	145	YES	170	YES	175
54	250 mm Class 5	18.60	19.900	16	232	YES	170	YES	175
55	280 mm Class 3	8.20	10.400	6	87	YES	170	YES	185
56	280 mm Class 4	13.40	16.600	10	145	YES	170	YES	185
57	280 mm Class 5	20.80	24.900	16	232	YES	170	YES	185
58	315 mm Class 3	9.20	13.200	6	87	YES	180	YES	190
59	315 mm Class 4	15.00	20.900	10	145	YES	180	YES	190
60	315 mm Class 5	23.40	31.500	16	232	YES	180	YES	190
61	400 mm Class 2	7.90	14.500	4	58	YES	200	YES	215
62	400 mm Class 3	11.70	21.100	6	87	YES	200	YES	215
63	400 mm Class 4	19.10	33.700	10	145	YES	200	YES	215
64	400 mm Class 5	29.70	50.800	16	232	YES	200	YES	215
65	500mm Class 3	14.60	32.900	6	87	-	-	YES	280
66	500mm Class 4	23.90	52.600	10	-	-	-	YES	-
67	630mm Class 3	18.40	52.200	6	87	-	-	YES	330

PIPES ARE STANDARDISED AT 6 M LENGTH.

SOCKET TYPE: AS MENTIONED ABOVE. PLAIN END AVAILABLE ON REQUEST.

COLOUR: DARK GREY/LIGHT GREY . OTHER COLOURS OFFERED ON REQUEST



FABCO RIGID PVC Pipes - ASTM Stds.

FABCO RIGID PVC PIPES AS PER ASTM D 1785 SCH-40

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	AVERAGE WEIGHT (KG)/MTR	PRESSURE AT 23° C (SHORT TERM TESTS)	
					BAR	PSI
1	1/2"	21.24	2.77	0.248	41.38	600
2	3/4"	26.57	2.87	0.329	33.10	480
3	1"	33.27	3.38	0.483	31.03	450
4	1.1/4"	42.03	3.56	0.652	25.52	370
5	1.1/2"	48.11	3.68	0.779	22.76	330
6	2"	60.17	3.91	1.040	19.31	280
7	2.1/2"	72.84	5.16	1.650	20.69	300
8	3"	88.70	5.49	2.160	17.93	260
9	4"	114.07	6.02	3.070	15.17	220
10	6"	168.00	7.11	5.410	12.41	180
11	8"	218.70	8.18	8.150	11.03	160

PIPES ARE STANDARDISED AT 6 M LENGTH. OTHER LENGTHS AVAILABLE ON REQUEST

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: WHITE. OTHER COLOURS OFFERED ON REQUEST

FABCO RIGID PVC PIPES AS PER ASTM D-1785 SCH 80

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	AVERAGE WEIGHT (KG)/MTR	PRESSURE AT 23° C (SHORT TERM TESTS)	
					BAR	PSI
1	1/2"	21.24	3.73	0.309	58.62	850
2	3/4"	26.57	3.91	0.418	47.59	690
3	1"	33.27	4.55	0.614	43.45	630
4	1.1/4"	42.03	4.85	0.850	35.86	520
5	1.1/2"	48.11	5.08	1.030	32.41	470
6	2"	60.17	5.54	1.430	27.59	400
7	2.1/2"	72.84	7.01	2.180	28.97	420
8	3"	88.70	7.62	2.910	25.52	370
9	4"	114.07	8.56	4.260	22.07	320
10	6"	168.00	10.97	8.130	19.31	280
11	8"	218.70	12.70	12.400	17.24	250

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST

LENGTH: PIPES ARE STANDARDISED AT 6 M LENGTH. OTHER LENGTHS AVAILABLE ON REQUEST

SOCKET TYPE: - SIZES 2.1/2" & ABOVE ARE AVAILABLE WITH SOLVENT CEMENT JOINTS (SCJ TYPE). ALL SIZES ARE AVAILABLE WITH PLAIN ENDS.

FABCO RIGID PVC PIPES AS PER ASTM D 2665

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	AVERAGE WEIGHT (KG)/MTR
1	1.1/4"	42.03	3.56	0.652
2	1.1/2"	48.11	3.68	0.779
3	2"	60.17	3.91	1.040
4	3"	88.70	5.49	2.160
5	4"	114.07	6.02	3.070
6	6"	168.00	7.11	5.410
7	8"	218.70	8.18	8.150

14.5PSI=1 BAR=1.02KG/CM²=0.1MPA=0.1N/MM²=100KPA

PIPES ARE STANDARDISED AT 6 M LENGTH. OTHER LENGTHS AVAILABLE ON REQUEST

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: WHITE. OTHER COLOURS OFFERED ON REQUEST



FABCO RIGID PVC PIPES AS PER ASTM D-2241 SDR

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	AVERAGE WEIGHT (KG)/MTR	PRESSURE AT 23° C (LONG TERM TESTS)	
					BAR	PSI
1	1/2" SDR 13.5	21.24	1.57	0.193	21.7	315
2	3/4" SDR 21.0	26.57	1.52	0.238	13.8	200
3	3/4" SDR 17.0	26.57	1.57	0.245	17.2	250
4	3/4" SDR 13.5	26.57	1.98	0.289	21.7	315
5	1" SDR 26.0	33.27	1.52	0.292	11.0	160
6	1" SDR 21.0	33.27	1.60	0.320	13.8	200
7	1" SDR 17.0	33.27	1.96	0.360	17.2	250
8	1" SDR 13.5	33.27	2.46	0.428	21.7	315
9	1 1/4" SDR 32.5	42.03	1.52	0.357	8.6	125
10	1 1/4" SDR 26.0	42.03	1.63	0.366	11.0	160
11	1 1/4" SDR 21.0	42.03	2.01	0.451	13.8	200
12	1 1/4" SDR 17.0	42.03	2.49	0.543	17.2	250
13	1 1/4" SDR 13.5	42.03	3.12	0.764	21.7	315
14	1 1/2" SDR 32.5	48.11	1.52	0.407	8.6	125
15	1 1/2" SDR 26.0	48.11	1.85	0.325	11.0	160
16	1 1/2" SDR 21.0	48.11	2.29	0.520	13.8	200
17	1 1/2" SDR 17.0	48.11	2.84	0.697	17.2	250
18	1 1/2" SDR 13.5	48.11	3.58	0.860	21.7	315
19	2" SDR 32.5	60.17	1.85	0.490	8.6	125
20	2" SDR 26.0	60.17	2.31	0.680	11.0	160
21	2" SDR 21.0	60.17	2.87	0.876	13.8	200
22	2" SDR 17.0	60.17	3.56	1.070	17.2	250
23	2" SDR 13.5	60.17	4.47	1.313	21.7	315
24	3" SDR 41.0	88.70	2.16	0.678	6.9	100
25	3" SDR 32.5	88.70	2.74	1.130	8.6	125
26	3" SDR 26.0	88.70	3.43	1.506	11.0	160
27	3" SDR 21.0	88.70	4.24	1.836	13.8	200
28	3" SDR 17.0	88.70	5.23	2.233	17.2	250
29	3" SDR 13.5	88.70	6.58	2.780	21.7	315
30	4" SDR 41.0	114.07	2.80	1.250	6.9	100
31	4" SDR 32.5	114.07	3.51	1.850	8.6	125
32	4" SDR 26.0	114.07	4.39	2.430	11.0	160
33	4" SDR 21.0	114.07	5.44	2.790	13.8	200
34	4" SDR 17.0	114.07	6.73	3.790	17.2	250
35	4" SDR 13.5	114.07	8.46	4.678	21.7	315
36	6" SDR 41.0	168.00	4.11	3.355	6.9	100
37	6" SDR 32.5	168.00	5.18	3.990	8.6	125
38	6" SDR 26.0	168.00	6.48	4.970	11.0	160
39	6" SDR 21.0	168.00	8.03	6.550	13.8	200
40	6" SDR 17.0	168.00	9.91	7.855	17.2	250
41	6" SDR 13.5	168.00	12.47	9.418	21.7	315
42	8" SDR 41.0	218.70	5.33	5.505	6.9	100
43	8" SDR 32.5	218.70	6.73	6.895	8.6	125
44	8" SDR 26.0	218.70	8.43	8.705	11.0	160
45	8" SDR 21.0	218.70	10.41	11.000	13.8	200
46	8" SDR 17.0	218.70	12.90	12.800	17.2	250

THE MAXIMUM PRESSURE GIVEN ABOVE IS BASED ON WATER AT 73°F / 23°C & FOR UNTHREADED PIPES
 SDR-STANDARD DIMENSION RATIO = OUTSIDE DIAMETER/WALL THICKNESS (NOTE: WALL THICKNESS MAINTAINED IS
 MINIMUM OR MORE THAN REQUIRED)

PIPES ARE STANDARDISED AT 6M LENGTH. OTHER LENGTHS AVAILABLE ON REQUEST

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: WHITE. OTHER COLOURS OFFERED ON REQUEST



FABCO uPVC Pipes - AUSTRALIAN Std.

FABCO uPVC PIPES AS PER AUSTRALIAN STANDARD AS 1416

SR NO	NOMINAL PIPE SIZE		OUTSIDE DIAMETER		WALL THICKNESS		WEIGHT OF IPE(KG/MTR)	PRESSURE AT 23° C (LONG TERM TESTS)	
	MM	INCH	MIN(MM)	MAX(MM)	MIN(MM)	MAX(MM)		BAR	PSI
1	32	1.1/4"	36.2	36.5	2.1	2.4	0.395	10	145
2	40	1.1/2"	42.8	43.1	2.3	2.6	0.489	10	145
3	50	2"	55.7	56.0	2.4	2.7	0.665	10	145
4	80	3"	82.3	82.7	3.0	3.4	1.240	10	145

STANDARD LENGTH: 4,5.8& 6 MTRS

COLOUR: GREY

SOCKET TYPE: SOLVENT WELD

FABCO uPVC Elec./Tel. Pipes & Ducts

FABCO uPVC DUCT FOR ETISALAT(FOR ELECTRICAL & TELEPHONE DUCT)

SR NO	DUCT NO.	OUTSIDE DIAMETER	WALL THICKNESS	INSIDE DIA. OF SOCKET AT ENTRY	INSIDE DIA. OF SOCKET AT SHOULDER	SOCKET LENGTH (MM)	WEIGHT (KG)/MTR
1	54D	96.5 +/- 0.2	3.25 + 0.4	97 +/- 0.1	96 +/- 0.1	100	1.475
2	56	53.9 +/- 0.1	1.55 + 0.15	54.1 +/- 0.1	53.9 +/- 0.1	70	0.412

DUCTS ARE STANDARDISED AT 3 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED(SCJ).

COLOUR: BLACK

FABCO uPVC DUCT FOR TEL MAT 1010

SR NO	DUCT NO.	OUTSIDE DIAMETER	WALL THICKNESS	INSIDE DIA. OF SOCKET AT ENTRY	INSIDE DIA. OF SOCKET AT SHOULDER	SOCKET LENGTH (MM)	WEIGHT (KG)/MTR
1	54D	96.5 +/- 0.2	3.25 +/- 0.2	97 +/- 0.1	96 +/- 0.1	100	1.442
2	56A	56.5 +/- 0.2	3.25 +/- 0.2	57 +/- 0.1	56 +/- 0.1	70	0.822

DUCTS ARE STANDARDISED AT 3,5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED(SCJ).

COLOUR: BLACK

FABCO uPVC CONDUIT PIPES AS PER SSA 255(BLACK PIPES FOR ELECTRICAL APPLICATIONS)

SR NO	PRODUCT DESCRIPTION	MINIMUM INSIDE DIA	THICKNESS (MM)	WEIGHT (KG)/MTR
1	16MM	13.0	1.20	0.090
2	20MM	16.9	1.50	0.137
3	25MM	21.4	1.55	0.174
4	32MM	27.8	1.80	0.264

PIPES ARE STANDARDISED AT 3 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED WITH PLAIN ENDS.

COLOUR: BLACK



FABCO uPVC BLACK CONDUIT PIPES(ELECTRICAL APPLICATIONS)-FOR KUWAIT

SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG)/MTR
1	50mm	1.60	0.406

PIPES ARE STANDARDISED AT 3 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED(SCJ) WITH SOCKET LENGTH OF 45MM. PLAIN END AVAILABLE ON REQUEST.

COLOUR: BLACK.

FABCO PTTE TELEPHONE DUCTS

SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG)/MTR
1	32 mm U-Guard	1.800	0.250

THE DUCT ARE STANDARDISED WITH 4 MTR LENGTH, PLAIN ENDS & ARE AVAILABLE IN OFF WHITE/YELLOW COLOURS.

FABCO TRUNK PIPES(TELEPHONE CABLE DUCTING INSTALLATION)

SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG)/MTR
1	25 mm	1.500	1.160

THE TRUNK PIPES ARE STANDARDISED WITH 4 MTR LENGTH, PLAIN ENDS & ARE AVAILABLE IN OFF WHITE/YELLOW COLOURS.

FABCO uPVC BLACK CONDUIT PIPES AS PER BS 6099(ELECTRICAL APPLICATIONS)

SR NO	NOMINAL SIZE(MM)	MINIMUM INSIDE DIAMETER			MAXIMUM WALL THICKNESS			WEIGHT (KG)/ MTR		
		LIGHT	MEDIUM	HEAVY	LIGHT	MEDIUM	HEAVY	LIGHT	MEDIUM	HEAVY
1	16	13.7	13.0	12.2	1.15	1.50	1.90	0.080	0.100	0.125
2	20	17.4	16.9	15.8	1.30	1.55	2.10	0.120	0.140	0.180
3	25	22.1	21.4	20.6	1.45	1.80	2.20	0.165	0.200	0.240
4	32	28.6	27.8	26.6	1.70	2.10	2.70	0.245	0.296	0.370
5	38	34.0	33.5	32.5	2.00	2.25	2.75	0.338	0.376	0.452
6	40	35.8	35.4	34.4	2.10	2.30	2.80	0.352	0.406	0.485
7	50	45.1	44.3	43.2	2.45	2.85	3.40	0.540	0.622	0.707
8	63	57.0			3.00			0.830		

PIPES ARE STANDARDISED AT 2.9 & 3 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED(SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: BLACK/WHITE.

FABCO uPVC DUCT FOR BTC/1006/DUCT - 1994(uPVC ELECTRICAL & TELEPHONE DUCT)

SR NO	DUCT NO.	OUTSIDE DIAMETER	WALL THICKNESS	INSIDE DIA. OF SOCKET AT ENTRY	INSIDE DIA. OF SOCKET AT SHOULDER	SOCKET LENGTH (MM)	WEIGHT (KG)/MTR
1	54D	96.5 +/- 0.2	3.25 +/- 0.2	97 +/- 0.1	96 +/- 0.1	100	1.442
2	D56	53.9 +/- 0.1	2.0 +/- 0.1	54.1 +/- 0.1	53.7 +/- 0.1	70	0.500
3	38mm	38.0 +/- 0.1	2.0 +/- 0.1	38.2 +/- 0.1	37.8 +/- 0.1	40	0.338

DUCTS ARE STANDARDISED AT 3 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED(SCJ).

COLOUR: BLACK



FABCO RIGID PVC Conduit and Tubing - NEMA Stds.

FABCO RIGID PVC CONDUIT & TUBING AS PER NEMA TC 2 EPC 40-PVC(ELECTRICAL USE)- FOR DIRECT BURIAL UNDERGROUND

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	1/2"	21.24	2.770	0.248
2	3/4"	26.57	2.870	0.329
3	1"	33.27	3.380	0.483
4	1 1/4"	42.03	3.560	0.652
5	1 1/2"	48.11	3.680	0.779
6	2"	60.17	3.910	1.040
7	2 1/2"	72.84	5.160	1.650
8	3"	88.70	5.490	2.160
9	4"	114.07	6.020	3.070
10	6"	168.00	7.110	5.410
11	8"	218.70	8.180	8.150

PIPES ARE STANDARDISED AT 3, 5, 8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE. ALL SIZES AVAILABLE WITH PLAIN ENDS.

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST

FABCO RIGID PVC CONDUIT & TUBING AS PER NEMA TC 2 EPT-A-PVC(ELECTRICAL USE)- TO BE ENCASED IN CONCRETE

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	1/2"	21.24	1.520	0.155
2	3/4"	26.57	1.520	0.198
3	1"	33.27	1.520	0.251
4	1 1/4"	42.03	1.780	0.365
5	1 1/2"	48.11	2.030	0.470
6	2"	60.17	2.540	0.719
7	2 1/2"	72.84	2.790	0.952
8	3"	88.70	3.180	1.310
9	4"	114.07	3.810	2.000

PIPES ARE STANDARDISED AT 3, 5, 8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE. ALL SIZES AVAILABLE WITH PLAIN ENDS.

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST



FABCO RIGID PVC CONDUIT & DUCT AS PER NEMA TC 2 EPC 80-PVC(ELECTRICAL USE)

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	1/2"	21.24	3.730	0.309
2	3/4"	26.57	3.910	0.418
3	1"	33.27	4.550	0.614
4	1 1/4"	42.03	4.850	0.850
5	1 1/2"	48.11	5.080	1.030
6	2"	60.17	5.540	1.430
7	2 1/2"	72.84	7.010	2.180
8	3"	88.70	7.620	2.910
9	4"	114.07	8.560	4.260
10	6"	168.00	10.970	8.130
11	8"	218.70	12.700	12.400

PIPES ARE STANDARDISED AT 3, 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE. ALL SIZES AVAILABLE WITH PLAIN ENDS.

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST

FABCO RIGID PVC UTILITIES DUCT AS PER NEMA TC 6 PVC TYPE EB-20 & ASTM F 512 (ELECTRICAL USE)-ENCASED BURIAL-TO BE ENCASED IN CONCRETE

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	2"	60.17	1.520	0.465
2	3"	88.70	1.550	0.703
3	4"	114.07	2.080	1.170
4	6"	168.00	3.180	2.530

PIPES ARE STANDARDISED AT 3, 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: GREY. OTHER COLOURS OFFERED ON REQUEST

FABCO RIGID PVC UTILITIES & DUCT AS PER NEMA TC 6 PVC TYPE DB-60 & ASTM F 512 (ELECTRICAL USE)-DIRECT BURIAL-FOR DIRECT BURIAL UNDERGROUND

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	2"	60.17	1.52	0.465
2	3"	88.70	2.34	1.000
3	4"	114.07	3.07	1.650
4	6"	168.00	4.62	3.570

PIPES ARE STANDARDISED AT 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: DARK GREY. OTHER COLOURS OFFERED ON REQUEST



**FABCO RIGID PVC PIPES AS PER NEMA TC 8 PVC TYPE EB-35 & ASTM F 512
(ELECTRICAL USE)-ENCASED BURIAL-TO BE ENCASED IN CONCRETE**

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	2"	60.17	1.52	0.465
2	3"	88.70	1.93	0.847
3	4"	114.07	2.54	1.390
4	6"	168.00	3.86	3.020

PIPES ARE STANDARDISED AT 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ). PLAIN END AVAILABLE ON REQUEST.

COLOUR: DARK GREY. OTHER COLOURS OFFERED ON REQUEST

**FABCO RIGID PVC PIPES AS PER NEMA TC 8 PVC TYPE DB-120 & ASTM F 512
(ELECTRICAL USE)-DIRECT BURIAL-FOR DIRECT BURIAL UNDERGROUND**

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	THICKNESS MIN (MM)	WEIGHT (KG)/MTR
1	1"	33.270	1.520	0.251
2	1 1/2"	48.110	1.520	0.369
3	2"	60.170	1.960	0.576
4	3"	88.700	3.000	1.250
5	4"	114.070	3.910	2.050
6	6"	168.000	5.770	4.420

PIPES ARE STANDARDISED AT 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDISED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE. ALL SIZES AVAILABLE WITH PLAIN ENDS.

COLOUR: DARK GREY. OTHER COLOURS OFFERED ON REQUEST



Technical Data of FABCO CPVC Pipes

FABCO CPVC pipes are made from rigid cpvc compound complying to the requirements of CLASS 23447 B conforming to ASTM D -1784 & are designated as CPVC 4120

As the softening point of CPVC pipes is considerably high it is ideally suited for hot water lines to withstand a temperature of 100 °C (212 °F)

1. MATERIAL PROPERTIES

MATERIAL : CHLORINATED POLYVINYL CHLORIDE (CPVC)
ALL VALUES AT 73 °F

2. GENERAL PROPERTIES

DENSITY : 1.55 gm/cm³
FLAMMABILITY : DOES NOT SUPPORT COMBUSTION ie. IT IS SELF EXTINGUISHING.
WATER ABSORPTION : 0.045 % : 0.045%

3. MECHANICAL PROPERTIES

TENSILE STRENGTH	58.5 MPa	8480 PSI
FLEXURAL STRENGTH	104.8 MPa	15200 PSI
FLEXURAL MODULUS	2758.6 MPa	415000 PSI
MODULUS OF ELASTICITY	2689.6 MPa	360000 PSI
IZOD IMPACT STRENGTH	80.1 J/M	1.5 FT LB/IN OF NOTCH
ELONGATION AT BREAK	50%	
FLATTENING	NO SPLITTING	
HARDNESS(ROCKWELL)	R 119	

4. THERMAL PROPERTIES

CO-EFFICIENT OF LINEAR EXPANSION	6.0 X 10 ⁻⁵ /°C	
VICAT SOFTENING POINT (LOAD 5 KGF)	>105°C	< 221° C
HEAT DEFLECTION TEMP (UNDER LOAD 1.82 MPa)	103°C	217°F
THERMAL CONDUCTIVITY	0.10 K CAL./m.h. °C	
SPECIFIC HEAT	0.25 CAL./G. °C	

5. ELECTRICAL PROPERTIES

DIELECTRIC STRENGTH	120 KV/cm
VOLUME RESISTIVITY	>10 ¹⁵ OHM.cm
SURFACE RESISTIVITY	>10 ¹² OHM



FABCO CPVC Pipes

FABCO CPVC PIPE BASED ON ASTM F 441 SCHEDULE 80

SR NO	NOMINAL PIPE SIZE (INCH)	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	AVERAGE WEIGHT (KG)/MTR	PRESSURE AT 23° C (LONG TERM TESTS)		PRESSURE AT 83° C (SHORT TERM TESTS)	
					BAR	PSI	BAR	PSI
1	1/2"	21.20	3.73	0.337	58.60	850	14.48	210
2	3/4"	26.60	3.91	0.457	47.60	690	11.72	170
3	1"	33.27	4.55	0.671	43.40	630	10.69	155
4	1 1/4"	42.07	4.85	0.928	35.86	520	8.97	130
5	1 1/2"	48.15	5.08	1.130	32.41	470	7.93	115
6	2"	60.15	5.54	1.560	27.59	400	6.90	100

STANDARD LENGTH: 6 MTRS

COLOUR: GREY/IVORY

SOCKET TYPE: PLAIN ENDED

FABCO CPVC PIPE BASED ON DIN 8079/8080

SR NO	NOMINAL PIPE SIZE (MM)	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	AVERAGE WEIGHT (KG)/MTR	PRESSURE AT 23° C (LONG TERM TESTS)		PRESSURE AT 83° C (SHORT TERM TESTS)	
					BAR	PSI	BAR	PSI
1	20 Class 6	20	2.3	0.196	25	363	6.20	90
2	25 Class 6	25	2.8	0.294	25	363	6.20	90
3	32 Class 5	32	2.4	0.342	16	232	4.00	58
4	32 Class 6	32	3.6	0.482	25	363	6.00	90
5	50 Class 5	50	3.7	0.809	16	232	4.00	58
6	63 Class 5	63	4.7	1.290	16	232	4.00	58

STANDARD LENGTH: 6 MTRS

COLOUR: GREY/IVORY

SOCKET TYPE: PLAIN ENDED

THE FOLLOWING DERATING FACTORS ARE SUITABLE FOR CPVC PIPES CONVEYING WATER AT ELEVATED TEMPERATURES:

S. NO.	TEMPERATURE °F (°C)	DERATING FACTOR
1	73 to 80 (23 to 26.7)	1.00
2	90 (32.2)	0.91
3	100 (37.8)	0.82
4	120 (48.9)	0.65
5	140 (60.0)	0.50
6	160 (71.1)	0.40
7	180 (82.2)	0.25
8	200 (93.3)	0.20

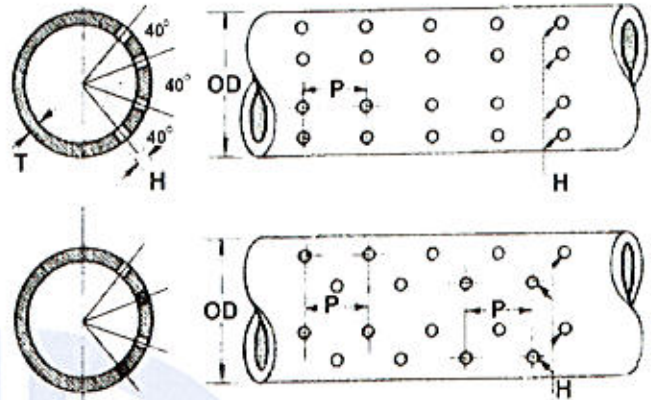


FABCO uPVC Perforated/Slotted Pipes

FABCO PERFORATED uPVC PIPES

Fabco Range of Perforated uPVC Pipes are used in sub-soil drainage systems. The dimensions and figures given below are as per general configuration.

CLASS	OUTSIDE DIAMETER (MM)	WALL THICKNESS (MM)	JOINT TYPE
3	110	3.2	RJ
3	160	4.7	RJ
3	200	5.9	RJ
3	110	3.2	SCJ
3	110	5.3	SCJ
3	160	4.7	SCJ



Perforated Pipe Data

Hole Size (H)	8mm or as required
Hole Spacing (P)	100 mm or 150 mm along pipe axis
Number of Rows	1 to 4
Row Spacing	40° separation between adjacent rows 120° between outside rows if all four rows are used.

Note : Any row or rows may be omitted, as per the clients requirements.



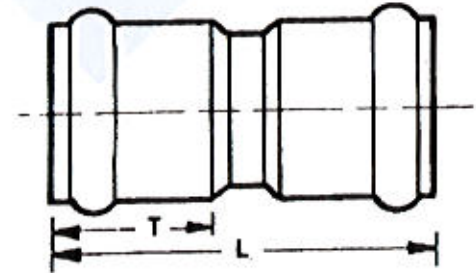
FABCO uPVC Fabricated Products

A. SAUDI ARABIAN STANDARD & DIN STANDARD

FABCO REGISTER COUPLING (DOUBLE SOCKET) RUBBER RING JOINTED (R/J) TYPE

Available for NP6, NP10 and NP16 pressure ratings

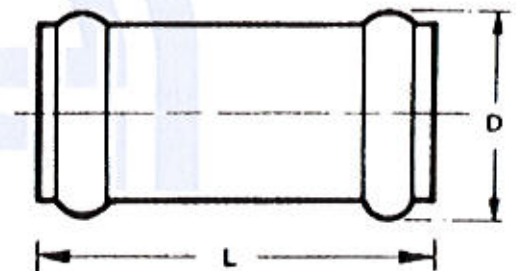
SR NO	PRODUCT SIZE(MM)	LENGTH (L) (MM)	DIAMETER (D) (MM)	SOCKET LENGTH (T) (MM)
1	63	240	90	100
2	75	250	105	103
3	90	270	125	111
4	110	290	150	116
5	140	330	192	125
6	160	350	211	135
7	200	375	247	144
8	225	430	290	154
9	250	445	310	162
10	280	495	360	172
11	315	545	403	185



FABCO REPAIR COUPLING RUBBER RING JOINTED (R/J) TYPE

Available for NP6, NP10 and NP16 pressure ratings

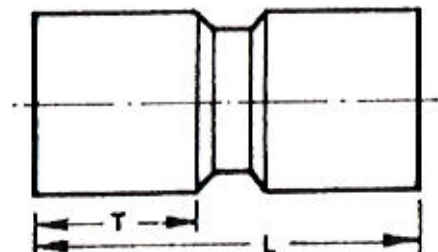
SR NO	PRODUCT SIZE(MM)	LENGTH (L) (MM)	DIAMETER (D) (MM)	SOCKET LENGTH (T) (MM)
1	63	240	90	100
2	75	250	105	103
3	90	270	125	111
4	110	290	150	116
5	140	330	192	125
6	160	350	211	135
7	200	375	247	144
8	225	430	290	154
9	250	445	310	162
10	280	495	360	172
11	315	545	403	185



FABCO REGISTER COUPLING (DOUBLE SOCKET) SOLVENT CEMENT JOINTED (SCJ) TYPE

Available for NP6, NP10 and NP16 pressure ratings

SR NO	PRODUCT SIZE(MM)	LENGTH (L) (MM)	SOCKET LENGTH (I) (MM)
1	63	126	53
2	75	140	60
3	90	160	69
4	110	185	81
5	140	230	99
6	160	250	111
7	200	300	135
8	225	360	150
9	250	380	165
10	280	425	183
11	315	478	204

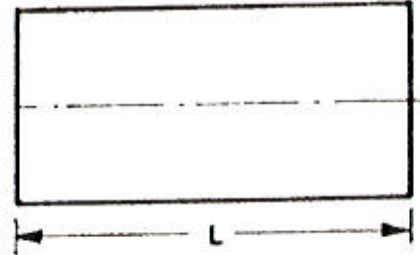




FABCO REPAIR COUPLING SOLVENT CEMENT JOINTED(SCJ) TYPE

Available for NP6, NP10 and NP16 pressure ratings

SR NO	PRODUCT SIZE(MM)	LENGTH (L)(MM)
1	63	126
2	75	140
3	90	160
4	110	185
5	140	230
6	160	250
7	200	300
8	225	360
9	250	380
10	280	425
11	315	478



FABCO COUPLING REDUCER - RUBBER RING JOINTED (RJ) TYPE

PRODUCT SIZE(MM)	75 X 63	90 X 63	110 X 63	110 X 90	160 X 63	160 X 90	160 X 110
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FABCO TEE - RUBBER RING JOINTED (RJ) TYPE

PRODUCT SIZE(MM)	63	75	90	110	160	225
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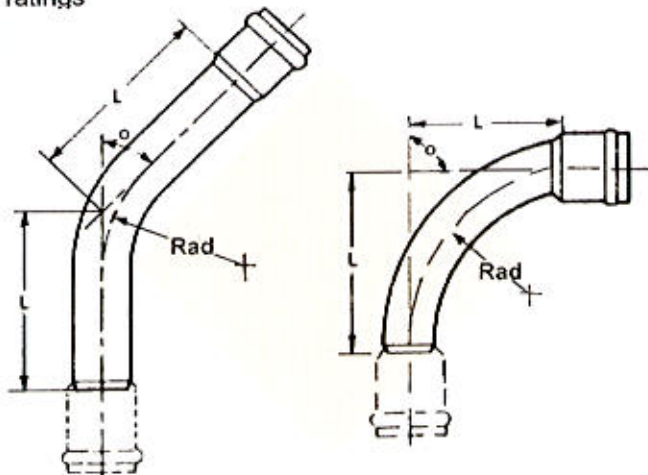
FABCO TEE REDUCER - RUBBER RING JOINTED (RJ) TYPE

PRODUCT SIZE(MM)	110 X 90	160 X 110	225 X 90	225 X 110	225 X 160
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FABCO LONG RADIUS BENDS RUBBER JOINTED (RJ) TYPE

Available for NP6, NP10 and NP16 pressure ratings

SR NO	PRODUCT SIZE(MM)	RADIUS (R) (MM)
1	63	221
2	75	263
3	90	315
4	110	385
5	140	490
6	160	560
7	200	705
8	225	788
9	250	852
10	280	980
11	315	1100



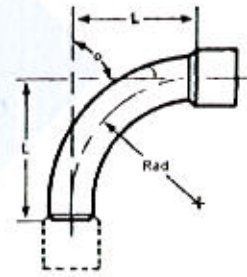
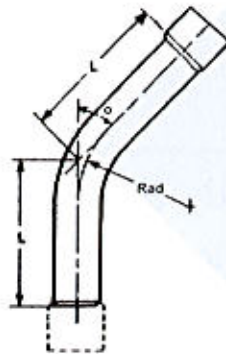
DOUBLE & SINGLE SOCKETED BENDS ARE MANUFACTURED
 GENERAL ANGLES OFFERED ARE 11°, 22.5°, 30°, 60° & 90°. OTHER ANGLES MANUFACTURED ON REQUEST.



FABCO LONG RADIUS BENDS SOLVENT CEMENT JOINTED (SCJ) TYPE

Available for NP6, NP10 and NP16 pressure ratings

SR NO	PRODUCT SIZE(MM)	RADIUS (R) (MM)
1	63	221
2	75	263
3	90	315
4	110	385
5	140	490
6	160	560
7	200	705
8	225	788
9	250	852
10	280	980
11	315	1100



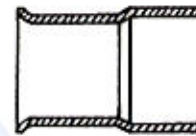
DOUBLE & SINGLE SOCKETED BENDS ARE MANUFACTURED

GENERAL ANGLES OFFERED ARE 11°, 22.5°, 30°, 60° & 90°. OTHER ANGLES MANUFACTURED ON REQUEST.

FABCO BELL ENDS

Available for NP6, NP10 and NP16 pressure ratings.

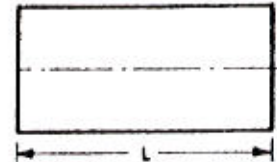
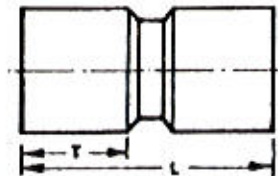
PRODUCT SIZE(MM)	32	40	50	75	90	110
SIZE(MM)	140	160	200	225	250	



B. ASTM STANDARD

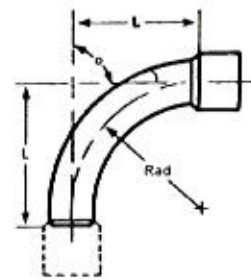
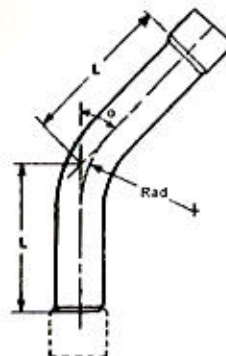
FABCO REGISTER COUPLING (DOUBLE SOCKET) & REPAIR COUPLING SOLVENT CEMENT JOINTED (SCJ) TYPE

SR NO	PRODUCT SIZE(INCH)	RADIUS (R) (MM)
1	1/2"	60
2	3/4"	65
3	1"	75
4	1 1/4"	95
5	1 1/2"	95
6	2"	125
7	3"	160
8	4"	185
9	6"	250
10	8"	360



FABCO LONG RADIUS BENDS-SOLVENT CEMENT JOINTED (SCJ) TYPE - ASTM STDS.

SR NO	PRODUCT SIZE(INCH)	OUTSIDE DIA (MM)	RADIUS (R) (MM)
1	1/2"	21.33	76.20
2	3/4"	26.67	88.90
3	1"	33.40	114.30
4	1 1/4"	42.16	139.70
5	1 1/2"	48.26	177.80
6	2"	60.30	223.52
7	3"	88.90	317.50
8	4"	114.30	381.00
9	6"	168.28	558.80
10	8"	219.08	787.40

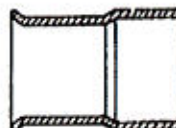




THESE BENDS ARE AVAILABLE AS PER ASTM D 1785 SCH 40 & ASTM D 1785 SCH 80 STANDARDS.
 DOUBLE & SINGLE SOCKETED BENDS ARE MANUFACTURED. PLAIN ENDED BENDS ARE ALSO AVAILABLE.
 GENERAL ANGLES OFFERED ARE 11°, 22.5°, 30°, 60° & 90°. OTHER ANGLES MANUFACTURED ON REQUEST.

FABCO BELL ENDS

PRODUCT SIZE (INCH)	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
SIZE (INCH)	2.1/2"	3"	4"	6"	8"	

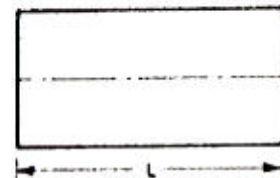
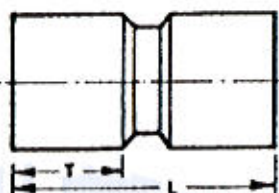


C. FABRICATED PRODUCTS FOR ELECTRICAL SYSTEM

FABCO REGISTER COUPLING (DOUBLE SOCKET) & REPAIR COUPLING

Suitable for use with Pipes and Fittings made as per NEMA Standards

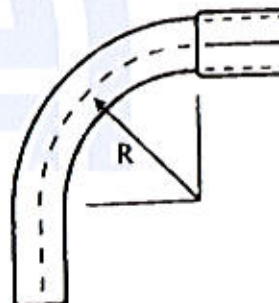
SR NO	PRODUCT SIZE (INCH)	LENGTH (L) (MM)
1	1 1/2"	95
2	2"	125
3	3"	160
4	4"	185
5	6"	250



FABCO STANDARD RADIUS ELBOWS

Suitable for use with Pipes and Fittings made as per NEMA Standards

SR NO	PRODUCT SIZE (INCH)	OUTSIDE DIA (MM)	RADIUS (R) (MM)
1	1/2"	21.34	102
2	3/4"	26.67	114
3	1"	33.40	146
4	1 1/2"	48.26	210
5	2"	60.32	241
6	2 1/2"	73.02	267
7	3"	88.90	330
8	4"	114.30	406
9	6"	168.28	762



THESE ELBOWS ARE AVAILABLE AS PER NEMA TC 2 STANDARDS AND ARE USABLE WITH EPT-A, EPC-40 & EPC-80 TUBINGS & CONDUITS.

DOUBLE & SINGLE SOCKETED ELBOWS ARE MANUFACTURED. PLAIN ENDED ELBOWS ARE ALSO AVAILABLE.
 GENERAL ANGLES OFFERED ARE 11°, 22.5°, 30°, 60° & 90°. OTHER ANGLES MANUFACTURED ON REQUEST.

FABCO SPECIAL RADIUS BENDS

Suitable for use with Pipes and Fittings made from NEMA Standards.

PRODUCT SIZE (INCH)	1.1/2"	2"	3"	4"	6"
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These bends are available as per NEMA TC 2 standards and are usable with EPT-A, EPC-40 & EPC-80 tubings & conduits.

Double & single socketed bends are manufactured. plain ended bends are also available.

General angles offered are 130°, 45° & 60°. Other angles manufactured on request.



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2015



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