



ROYAL PVC Co.LTD

رایل پی وی سی کمپنی لمیٹید

SECTION 04

Royal PVC Fittings





ROYAL WHITE PVC SCHEDULE 40 FITTINGS ASTM D-2466

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Standards, Applications & Advantages

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Range of Fittings as per ASTM D 2466 SCH 40 .

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Pressure fittings



STANDARD:

ASTM D 2466 SCHEDULE 40

- Specially design for dual purposes and fulfill all the requirements of sewerage jointing system and for pressure water distribution line.
- Swimming pools
- Food stuff
- Compressed Air
- Potable Water Supply
- Water treatment

**ADVANTAGES OF ROYAL
PVC FITTINGS****LIGHT WEIGHTS:**

PVC fittings are incredibly light weight. its specific weight 1.46, is 1/10th that of cast iron. This cuts down transportation costs and facilitates installation in difficult places.

NON CONDUCTIVITY:

PVC is anon conductor of electricity and is unaffected or galvanic corrosion, which means no wrappings, coating or cathodic protection is required.

CHEMICAL RESISTANCE:

PVC has exceptional resistance to attack from all concentrations of Alkalis and high concentrations of acids, except strong oxidizing agents at maximum concentration. Therefore, the material should not be considered for use with aromatic and chlorinated hydrocarbons, ketenes, esters and cyclic ethers which lead to softening the material.

FIRE PROOF:

PVC will not support combustion.

LOW COST, EASE OF INSTALLATION:

Installation is quick and easy by solvent cement welding; solvent joints are entirely reliable, leak proof, simple and quick to carry out.

DURABILITY:

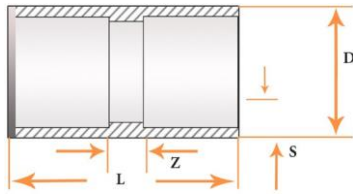
It is unaffected by fungus or bacterial and its termite and weather resistant.

HIGH FLOW RATE:

Because of its extremely smooth inside surface, it has exceptionally low flow loss. Giving excellent flow properties which remain constant due to reduced build up of deposits and scales. Royal PVC fittings are suitable for irrigation. Potable water supply, chemical installation, water treatment, swimming pools, Foodstuff industries, compressed air & liquids, industrial piping, other pressure piping, sewerage, vent and drain system. Royal PVC fittings can be used with any make of pipe made to the same international standards.

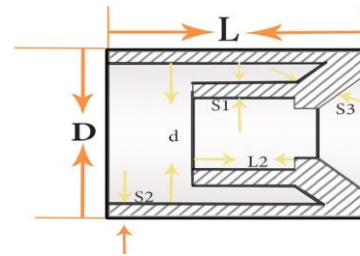
ASTM D 2466 Sch 40

ELBOW 90°	ELBOW 45°	TEE	PLUG ELBOW	PLUG TEE	YSKEW TEE	P-TRAP	BUSH REDUCER	SOCKET	TREDUCIN G	REDUCING YSKEWTEE
3/4"	2"	3/4"	3"	3"	2"	3"	3/4x1"	3/4"	3/4x1"	4x6"
1"	3"	1"	4"	4"	3"	4"	3/4x1-1/4"	1"	3/4x1-1/4"	
1-1/4"	4"	1-1/4"			4		1x1-1/4"	1-1/4"	1x1-1/4"	
1-1/2"	6	1-1/2"					1x1-1/2"	1-1/2"	1x1-1/2"	
2"		2"					1x2"	2"	1x2"	
3"		3"					1-1/2x2"	3"	1-1/2x2"	
4"		4"					2x3"	4"	2x3"	
6		6"					2x4"	6"	2x4"	
							3x4"	8"	3x4"	
							4x6"		4x6"	



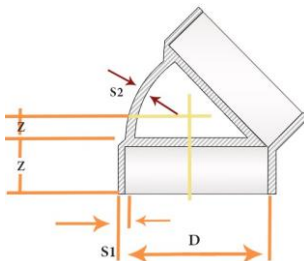
Socket

Size	D	L	S	Z
Inch	mm	mm	mm	mm
3/4	34	42	3.4	2
1	41.6	50	3.8	2
1-1/4	50.7	58	4.0	2
1-1/2	57	62.5	4.1	2.5
2	69.6	83	4.3	3.0
3	99.8	99	4.9	3.0
4	125.9	104	5.3	3.0
6	168	180	7.1	20



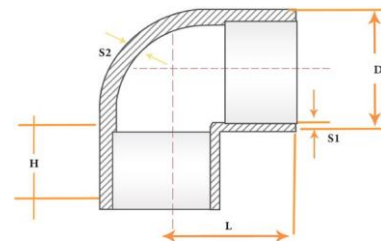
BUSH REDUCER

Size	D	L	S	H
Inch	mm	mm	mm	mm
3/4x1	33.5	24	3.3	27.2
3/4x1-1/4	42.5	28	7.6	27.2
1x1-1/4	42.5	28	4.3	34
1x1-1/2	48.4	30	7.2	34
1-1-2x2	60.8	40	6.2	48.8



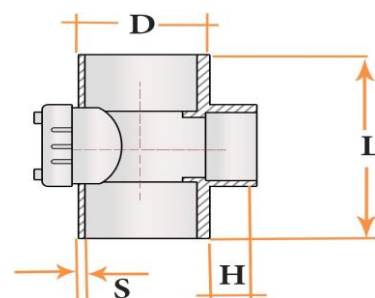
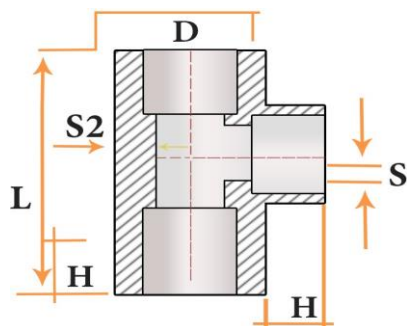
ELBOW 45°

Size	D	Z	S1	S2	H
Inch	mm	m	Mm	mm	mm
2	69.8	65	4.3	5.2	40
3	99.6	68	4.9	5.5	48
4	125.9	76	5.3	5.8	50
6	181.1	120	5.8	6.2	80



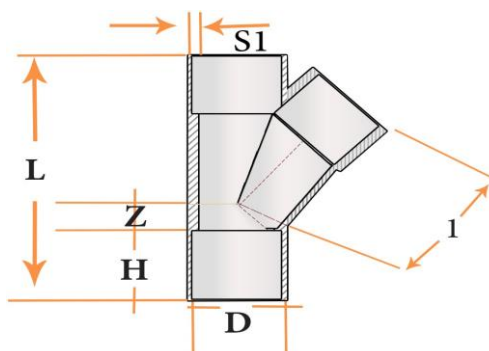
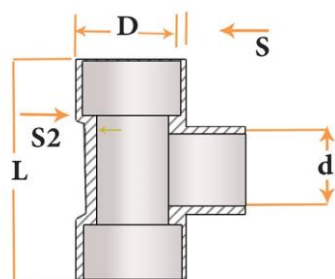
ELBOW 90°

Size	D	L	S1	H	S2
Inch	mm	mm	mm	mm	mm
3/4	34.1	35	3.4	20	4.1
1	41.6	42.5	3.8	24	4.1
1-1/2	57	55.5	4.1	30	5.1
2	69.8	74	4.3	40	5.2
3	99.8	94	4.9	48	5.5
4	125.9	110	5.3	50	5.8
6	181.1	169	5.8	80	6.2



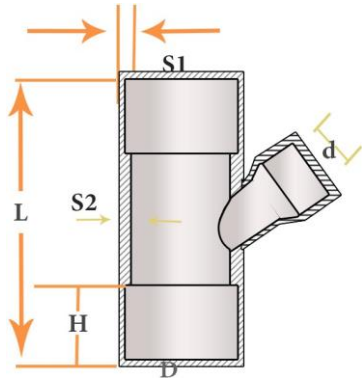
TEE					
Size Inch	D mm	L mm	S1 mm	S2 mm	H mm
3/4	34	70	3.4	4.1	20
1	41.6	85	3.8	4.1	24
1-1/4	50.7	101	4.0	5.0	28
1-1/2	57	111	4.1	5.1	30
2	69.8	148	4.3	5.2	40
3	99.8	188	4.9	5.5	48
4	125.9	220	5.3	5.8	50
6	181.1	338	5.7	6.2	80

PLUG TEE				
Size Inch	D mm	L mm	S mm	H mm
	99.8	188	4.9	48
	125.9	220	5.3	50

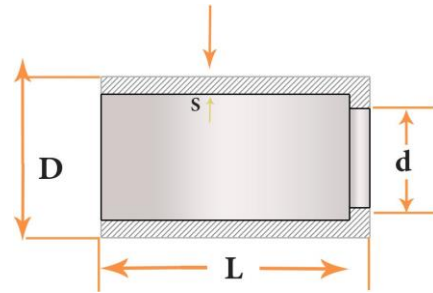


REDUCING TEE					
Size Inch	D mm	I mm	S1 mm	S2 mm	H mm
4x3	125.9	200	5.3	5.8 99.8	50
4x2	125.9	172	5.3	5.8 69.8	50
3x2	99.8	166	4.9	5.5 69.8	48
6x4	181.1	282	5.8	6.2 125.9	80
1- 1/2x1	57.0	98	4.1	5.0 41.6	30
1- 1/2x1- 1/4	57.0	105	4.1	5.1 50.7	30
2x1	69.8	119	4.3	5.2 41.6	40
2x1- 1/2	69.8	132	4.3	5.2 57.0	40
1- 1/4x1	50.7	92	4.0	5.0 41.6	28
1- 1/4x3/4	50.7	86	4.0	5.0 34.0	28

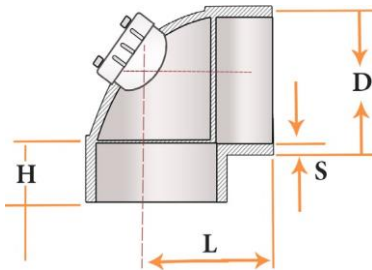
Y-SKEW TEE						
Size Inch	D mm	L mm	S mm	H mm	Z mm	I mm
2	69.8	176	4.3	40	16	109
3	99.8	220	4.8	48	16	158.2
4	125.9	265	5.3	50	23.5	215.2
6	180.5	410.4	5.9	80	44	286.4



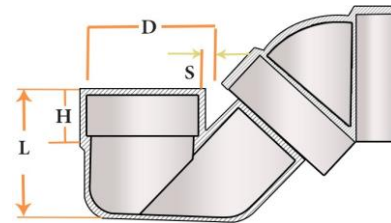
REDUCING Y-SKEW TEE						
Size Inch	D mm	L1 mm	S1 mm	H mm	d mm	S2 mm
6x4	181.1	336	5.8	80	125.4	6.2



BUSH REDUCER							
Size Inch	D mm	L1 mm	S1 mm	S2 mm	S3 mm	D mm	L2 m
1x2	60.8	40	3.8	4.2	4.2	34	24
2x3	89	54	4.2	4.7	4.8	69.9	40
2x4	114.2	57	3.8	4.2	4.2	69.6	23.4
3x4	114.2	57	3.8	4.1	4.5	79.6	48
4x6	168	80	5.1	5.8	5.8	125.4	50



PLUG ELBOW				
Size Inch	D mm	L mm	S mm	H mm
3	99.6	94	4.9	48
4	125.9	110	5.3	50



P-TRAP				
Size Inch	D mm	L mm	S mm	H mm
3	99.6	126	5.5	48
4	125.4	150	5.8	50

Floor-TRAP(Floor Drain)

Size Inch	Out flow mm	Out flow mm	Out flow mm	Hight mm
4x1-1/2	90	60	48	122

Weight: 930 Gm Wall.T : 3.5mm to 4.5mm



Clean Out

Size Inch	OD mm	ID mm	Weight Gm	Height with Cap mm
4	114	103	3.40	85

Wall. T: 5.1mm to 5.5mm



Pressure Fittings

A wide range of fabricated fitting is available with Royal PVC. They are designed to make connected eco- nomical, durable, leak proof, easy and quick.

These fittings include couplers sockets, elbow, tees, caps, flanges, bends (45 and 90) and reducers avail- able in various sizes for different classes of pipes, con- forming to British, American and other International Standards.

Pressure Fittings

The following joining systems are available.

- Solvent Cement Joint.
- "Z" Joint / or Rubber ring Joint





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COMPANY PROFILE & THCHNICAL MANUAL

- Royal PVC Pressure Pipe
- Royal PVC Electrical Conduit
- Royal PVC Sewerage Pipe
- Royal PVC Fittings
- Royal HDPE Pipe
- Royal PPRC Pipe & Fittings