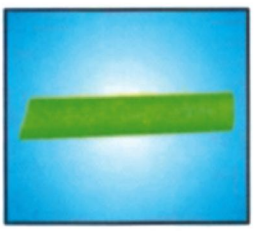
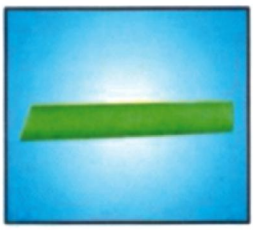
SWI PIPING SYSTEM

PPRC Pipes and Fittings
For
Hot, Cold and Chilled Water System



SWI PN 20 (SDR6),
HOT & COLD WATERPIPE

SIZE	
PIPE 20 mmx3.4 mm	PIPE 125 mm x 20.8mm
PIPE 25 mmx4.2 mm	PIPE 160 mm x 26.6mm
PIPE 32 mmx5.4 mm	PIPE 200 mm x 28.6mm
PIPE 40 mmx6.7 mm	
PIPE 50 mmx8.4 mm	
PIPE 63 mmx10.5 mm	
PIPE 75 mmx12.5 mm	
PIPE 90 mmx15 mm	
PIPE 110 mmx18.5 mm	

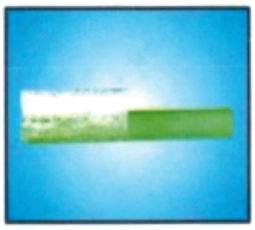


SWI PN 10 (SDR11),
COLD WATER PIPE

20 mm to 200 mm
available on demand

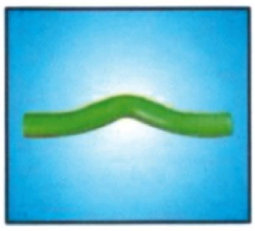
SWI PN 16 (SDR7.4),
HOT & COLD WATER PIPE

20 mm to 200 mm
available on demand



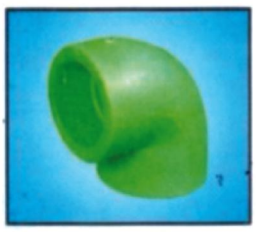
SWI PN 25 STABLE PIPE WITH ALUMINIUM FOIL HOT & COLD WATERPIPE

20 mmx3.4x0.15x0.35mm	PIPE 125 mm x 20.8mm
25 mmx4.2x0.15x0.35mm	PIPE 160 mm x 26.6mm
32 mmx5.4x0.15x0.35mm	PIPE 200 mm x 28.6mm
40 mmx6.7x0.15x0.35mm	
50 mmx8.4x0.15x0.35mm	
63 mmx10.5x0.15x0.35mm	
75 mmx12.5x0.15x0.35mm	



SWI / VESBO PIPE BRIDGE

20 mm
25 mm
32 mm

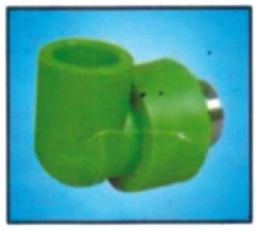


SWI / VESBO 90° ELBOW

20 mm
25 mm
32 mm
40 mm
50 mm
63 mm
75 mm
90 mm
110 mm

SWI / VESBO 45° ELBOW

20 mm
25 mm
32 mm
40 mm
50 mm
63 mm
75 mm
90 mm
110 mm



SWI / VESBO ELBOW MALE

20 x 1/2"
25 x 1/2"
25 x 3/4"
32 x 1"

SWI / VESBO ELBOW FEMALE

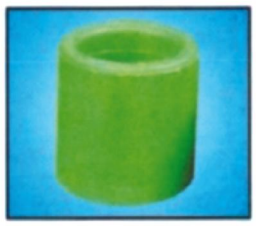
20 x 1/2"
25 x 1/2"
25 x 3/4"
32 x 1"

SWI / VESBO BRACKET ELBOW

20 x 1/2"

SWI / VESBO REDUCER

25/20 mm	63/40 mm
32/20 mm	63/50 mm
32/25 mm	75/50 mm
40/20 mm	75/63 mm
40/25 mm	90/63 mm
40/32 mm	90/75 mm
50/25 mm	110/90 mm
50/32 mm	
50/40 mm	
63/32 mm	
63/25 mm	

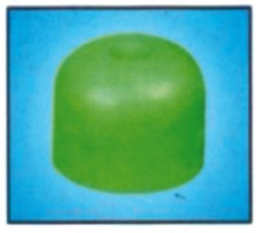


SWI / VESBO SOCKET

20 mm
25 mm
32 mm
40 mm
50 mm
63 mm
75 mm
90 mm
110 mm

SWI / VESBO THREADED CAP

CAP mm	20x1/2
CAP mm	25x3/4



SWI / VESBO - CAP PLAIN

DESCRIPTION	
20	mm
25	mm
32	mm
40	mm
50	mm
63	mm
75	mm
90	mm
110	mm

SWI / VESBO - SLEEVE (Clip)

20	mm
25	mm
32	mm
40	mm
50	mm

SWI / VESBO - FLANGE

63	mm
75	mm
90	mm
110	mm

SWI / VESBO T-PART

DESCRIPTION	
20	mm
25	mm
32	mm
40	mm
50	mm
63	mm
75	mm
90	mm
110	mm

SWI / VESBO UNEQUAL 1

T 20 x 25 x 20 mm
T 25 x 20 x 20 mm
T 25 x 20 x 25 mm
T 25 x 25 x 20 mm
T 32 x 20 x 20 mm
T 32 x 20 x 25 mm
T 32 x 20 x 32 mm
T 32 x 25 x 32 mm
T 32 x 25 x 32 mm
T 40 x 20 x 40 mm
T 40 x 25 x 32 mm
T 40 x 25 x 40 mm
T 40 x 32 x 25 mm
T 40 x 32 x 40 mm
T 90 x 63 x 90 mm
T 90 x 75 x 90 mm
T 110 x 50 x 110 mm
T 110 x 65 x 110 mm
T 110 x 75 x 110 mm
T 110 x 90 x 110 mm

SWI / VESBO - T PART FEMALE

DESCRIPTION		
20	x	1/2"20
20	x	3/4"20
25	x	1/2"25
25	x	3/4"25

SWI / VESBO - T PART MALE

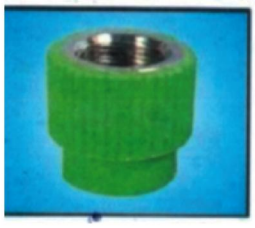
20	x	1/2"20

SWI / VESBO ADAPTOR MALE

20	x	1/2"
20	x	3/4"
25	x	1/2"
25	x	3/4"

SWI / VESBO HEX, FEMALE ADAPTOR

32	x	1"
40	x	11/4"
50	x	11/2"
63	x	2"
75	x	21/2"



SWI / VESBO ADAPTOR FEMALE

20	x	1/2"
20	x	3/4"
25	x	1/2"
20	x	3/4"

SWI / VESBO HEX, MALE ADAPTOR

32	x	1"
40	x	11/4"
50	x	11/2"
63	x	2"
75	x	21/2"

SWI / VESBO - PP UNION

20	mm
25	mm
32	mm
40	mm
50	mm
63	mm
75	mm

SWI / VESBO - UNION MALE

20x1/2"
25x3/4"
32x1"
40x11/4"

SWI / VESBO - UNION FEMALE

20x1/2"
25x3/4"
32x1"
40x11/4"

SWI / VESBO CHROMIUM VALVE

20 mm
25 mm

SWI / VESBO - VALVE/GATE VALVE

20 mm
25 mm
32 mm

SWI / VESBO - BALL VALVE

20 mm
25 mm
32 mm
40 mm

SWI / VESBO - PP BALL VALVE

20	mm
25	mm
32	mm
40	mm
50	mm
63	mm
75	mm
90	mm
110	mm

SWI PIPING SYSTEM

Advantages of Using SWI PPRC Pipes & Fittings

SWI PPRC Piping System is **THE SYSTEM OF THE NEW MILLENNIUM** and has the followng advantages

- Not Detrimental to Human Health.
- Rust and Corrosion Free.
- Rupture Free.
- No Scaling.
- High Resistance to Acids and Chlorides.
- Noise Free at High Flow Rates.
- High Pressure Tolerance and Rating.
- Insulation is not necessary for Interior Applications.
- Light Weight.
- Speed and Ease of Fusion Technology.
- Extensive Saving in Time and Labour.
- PN 20 (SDR 6) System Bursting Pressure 106 Bars.
- PN 10 (SDR 11) System Bursting Pressure 33 Bars.

Standards

Pipes & Fittings

• DIN 8077	Polypropylene Pipes. Dimensions
• DIN 8078	Polypropylen Pipes, General Quality Requirements and Testing.
• DIN 16962	Pipe Joints, Elements for Polypropylene Pipes.
• DIN 1988 PART 2	Drinking Water supply system, Materials, Components Appliances, Design and Installation.
• DIN 16928	Pipe Joint, Elements for Pipes Laying General Directions.
• BS 6700	Design, Installation, Testing and Maintenance of Services Supply Water.
• DVS 2207	Welding of Thermoplastics.
DVS 2208	Welding Machines and Devices for Thermoplastics

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