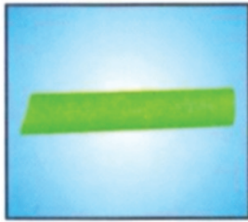




**PPRC Pipes and Fittings
For
Hot, Cold and Chilled Water System**

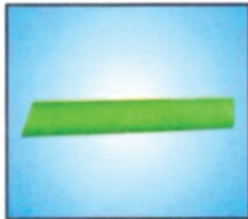




**SWI PN 20 (SDR6),
HOT & COLD WATER PIPE**

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 | |



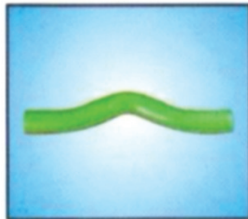
**SWI PN 10 (SDR11),
COLD WATER PIPE**

20 mm to 200 mm
available on demand



**SWI PN 25 STABLE PIPE
WITH ALUMINIUM FOIL
HOT & COLD WATER PIPE**

| | |
|------------------------|----------------------|
| 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 PIPE BRIDGE

20 mm
25 mm
32 mm



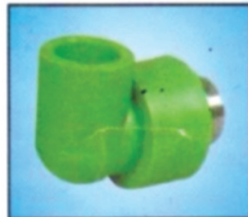
SWI 90° ELBOW

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



SWI 45° ELBOW

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



SWI ELBOW MALE

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



SWI ELBOW FEMALE

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



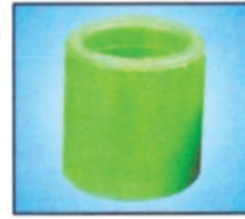
SWI BRACKET ELBOW

20 x 1/2"



SWI 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 SOCKET

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



SWI THREADED CAP

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



SWI - CAP PLAIN

DESCRIPTION

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



SWI - SLEEVE (Clip)

20 mm
25 mm
32 mm
40 mm
50 mm



SWI - FLANGE

63 mm
75 mm
90 mm
110 mm



SWI T-PART

DESCRIPTION

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



SWI 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 - 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 - T PART MALE

| |
|-------------|
| 20 x 1/2"20 |
|-------------|



SWI ADAPTOR MALE

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



**SWI
HEX, FEMALE ADAPTOR**

| |
|-------------|
| 32 x 1" |
| 40 x 1 1/4" |
| 50 x 1 1/2" |
| 63 x 2" |
| 75 x 2 1/2" |



SWI ADAPTOR FEMALE

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



**SWI
HEX, MALE ADAPTOR**

| |
|-------------|
| 32 x 1" |
| 40 x 1 1/4" |
| 50 x 1 1/2" |
| 63 x 2" |
| 75 x 2 1/2" |



SWI - PP UNION

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



SWI - UNION MALE

| |
|-----------|
| 20x1/2" |
| 25x3/4" |
| 32x1" |
| 40x1 1/4" |



SWI - UNION FEMALE

| |
|-----------|
| 20x1/2" |
| 25x3/4" |
| 32x1" |
| 40x1 1/4" |



SWI CHROMIUM VALVE

| |
|-------|
| 20 mm |
| 25 mm |



SWI - VALVE/GATE VALVE

| |
|-------|
| 20 mm |
| 25 mm |
| 32 mm |



SWI - BALL VALVE

| |
|-------|
| 20 mm |
| 25 mm |
| 32 mm |
| 40 mm |



SWI - PP BALL VALVE

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



Advantages of Using SWI PPRC Pipes & Fittings

SWI PPRC Piping System is **THE SYSTEM OF THE NEW MILLENNIUM** and has the following 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 |

NOVAPLAST PAKISTAN (PVT.) LTD.

CORPORATE HEAD OFFICE

Showroom & Office No. 9,
Ground Floor Annum Estate, Shahrah-e-Faisal, Karachi.
Ph: +92 21 3454 0510, +92 21 34321723 & 24
Email: info@nagroup.co, pool@nagroup.co, pool@cyber.net.pk
website: www.nagroup.co