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PPR PIPE & FITTINGS



Adjustable water flow...

PP-R (Polypropylene Random Copolymer)Pipe

PPR pipe interface with hot-melt technology, are completely integrated into the pipe together, so once installed pressure tested and will not be further leakage, high reliability. Most of it used in Geysers, plumbing and water supply plants.

Approved by the Health Organization, Eco-Friendly Quality, Temperature Resistance Quality etc. puts RFL PP-R Pipe & fittings as the best selection.

Features:

1. Heat preservation and energy saving.
2. Temperature resistance 80°C.
3. Leak proof & frost proof.
4. Good chemical resistance
5. No reaction with salts & acids
6. Eco-friendly –recyclable
7. Water purifying engineering
8. Low lying time & cost
9. Non-delayed & non-deforming
10. Convenient & reliable installation
11. Unique and un-rivaled jointing technique with lifetime security
12. Extremely long life, 100 years service life.

Application:

1. Cold & hot installation: Residences, Apartment, Offices, Hospitals, Hotels, Schools etc.
2. Industrials: Transportation of corrosive fluids (like acids) and liquid foods etc.
3. Agriculture and Horticulture
4. Compressed air plants
5. Swimming pools
6. Rain water harvesting and utilization system.

COMPARISON OF VARIOUS PIPING MATERIAL WITH PP-R PIPES:

CRITERIA	GI PIPE	COPPER PIPE	PP-R PIPE
EFFECT OF HARD WATER	High scale formation	Scale formation is prohibited due to smooth bore	Scale formation is prohibited due to smooth bore
EFFECT OF SOFT WATER	Gets corroded	Gets corroded due to acidic nature of water	No Effect
HEALTH CRITERION	Low due to lead content and corrosion	Good with female but lead content in solder is bad for health	Very good
JOINTING TECHNIQUES	Threaded	Soldered/Ferrule	Fusion weld
CORROSION RESISTANCE	Very Low	Low	No Effect
THERMAL STRENGTH PROPERTY AT 60 c TEMP	Very good	Very good	Very good
AVAILABILITY OF FITTINGS	Very good	Average	Very good
THERMAL EXPANSION	Low, good for concealed piping	Low, good for concealed piping	Low, good for concealed piping
EFFECT OF SUB-ZERO TEMP.	Up to 0°C	Up to 0°C	Up to -40°C
UV RESISTANCE	Very good	Very good	Very good
EASE IN INSTALLATION	Low	Average	Very good
FLOW PROPERTIES FOR FRICTION	Low	Very good	Very good

PP-R PIPE



Sales Code

Size

85539

1/2"

85540

3/4"

85541

1"

85542

1.25"

85543

1.5"

85544

2"

SOCKET/COUPLING



Sales Code

Size

98801

3/8"

98802

3/4"

98803

1"

98804

1 1/4"

98805

1 1/2"

98806

2"

REDUCING SOCKET
/COUPLING

Sales Code

Size

Sales Code

Size

98807

3/4" x 1/2"

98815

1 1/2" x 1"

98808

1" x 3/2"

98816

1 1/2" x 1 1/4"

98809

1" x 3/4"

98817

2" x 3/2"

98810

1 1/4" x 1/2"

98818

2" x 3/4"

98811

1 1/4" x 3/4"

98819

2" x 1"

98812

1 1/4" x 1"

98820

2" x 1 1/4"

98813

1 1/2" x 1/2"

98821

2" x 1 1/2"

98814

1 1/2" x 3/4"

FEMALE THREADED SOCKET
/COUPLING

Sales Code

Size

98822

1/2"

98823

3/4" x 1/2"

98824

1/2" X 3/4"

98825

3/4"

98826

1"

98827

1 1/4"

98828

1 1/2"

98829

2"

MALE THREADED SOCKET
/COUPLING

Sales Code

Size

98830

1/2"

98831

3/4" x 1/2"

98832

1/2" X 3/4"

98833

3/4"

98834

1"

98835

1 1/4"

98836

1 1/2"

98837

2"

EQUAL TEE



Sales Code

Size

98838

½"

98839

¾"

98840

1"

98841

1¼"

98842

1½"

98843

2"

REDUCING TEE



Sales Code

Size

Sales Code

Size

98844

¼" x ½"

98852

1½" x 1"

98845

1" x ½"

98853

1½" x 1¼"

98846

1" x ¾"

98854

2" x 1½"

98847

1¼" x ½"

98855

2" x ¾"

98848

1¼" x ¾"

98856

2" x 1"

98849

1¼" x 1"

98857

2" x 1¼"

98850

1½" x ½"

98858

2" x 1½"

98851

1½" x ¾"

CROSS TEE



Sales Code

Size

98859

½"

98860

¾"

98861

1"

FEMALE THREAD TEE



Sales Code

Size

98862

½"

98863

¾" x ½"

98864

¾" x ¾"

98865

1"

98866

1½"

MALE THREAD TEE



Sales Code

Size

98867

½"

98868

¾" x ½"

98869

¾" x ¾"

98870

1½"

ELBOW 90°



Sales Code

Size

98871

½"

98872

¾"

98873

1"

98874

1¼"

98875

1½"

98876

2"

ELBOW 45°



Sales Code

Size

98877

½"

98878

¾"

98879

1"

98880

1¼"

98881

1½"

98882

2"

REDUCING ELBOW



Sales Code	Size	Sales Code	Size
98883	3/4" x 1/2"	98890	1 1/2" x 3/4"
98884	1" x 3/2"	98891	1 1/2" x 1"
98885	1" x 3/4"	98892	1 1/2" x 1 1/4"
98886	1 1/4" x 1/2"	98893	2" x 3/4"
98887	1 1/4" x 3/4"	98894	2" x 1"
98888	1 1/4" x 1"	98895	2" x 1 1/4"
98889	1 1/2" x 1/2"	98896	2" x 1 1/2"

MALE THREADED ELBOW



Sales Code	Size
98897	1/2" x 1/2"
98898	3/4" x 3/4"
98899	3/4" x 1/2"
98900	1" x 1"
98901	1 1/2" x 1/2"
98902	2" x 2"

FEMALE THREADED ELBOW



Sales Code	Size
98903	1/2" x 1/2"
98904	3/4" x 1/2"
98905	3/4" x 3/4"
98906	1" x 1"
98907	1 1/2"

MALE THREADED UNION



Sales Code	Size
98908	1/2"
98909	3/4"
98910	1"
98911	1 1/2"
98912	2"

FEMALE THREADED UNION



Sales Code	Size
98913	1/2"
98914	3/4"
98915	1"
98916	1 1/2"
98917	2"

END CAP



Sales Code	Size
98918	1/2"
98919	3/4"
98920	1"
98921	1 1/2"
98922	2"

THREADED PLUG



Sales Code	Size
98923	1/2"
98924	3/4"
98925	1"

BALL VALVE



Sales Code

Size

98926	1/2"
98927	3/4"
98928	1"
98929	1 1/4"
98930	1 1/2"
98931	2"

GATE VALVE



Sales Code

Size

98932	1/2"
98933	3/4"
98934	1"
98935	1 1/2"
98936	2"

DOUBLE UNION
BALL VALVE

Sales Code

Size

98937	1/2"
98938	3/4"
98939	1"

CONCEALED
STOP COCK

Sales Code

Size

98940	1/2"
98941	3/4"

PIPE CLIP



Sales Code

Size

98942	1/2"
98943	3/4"
98944	1"
98945	1 1/4"
98946	1 1/2"

PIPE CUTTER



Sales Code

Size

98947	1/2 ~ 2"
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WELDING
MACHINE

Sales Code

Size

98948	1/2 ~ 2"
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Plastic Union

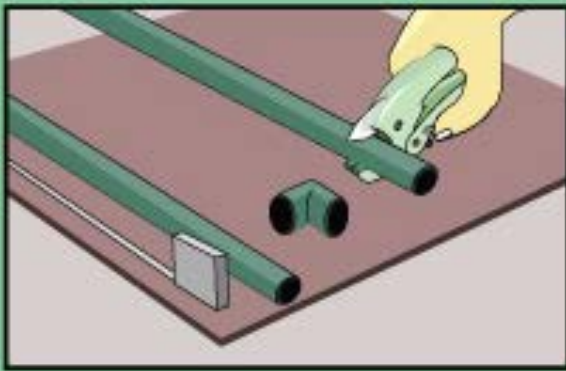


Sales Code

Size

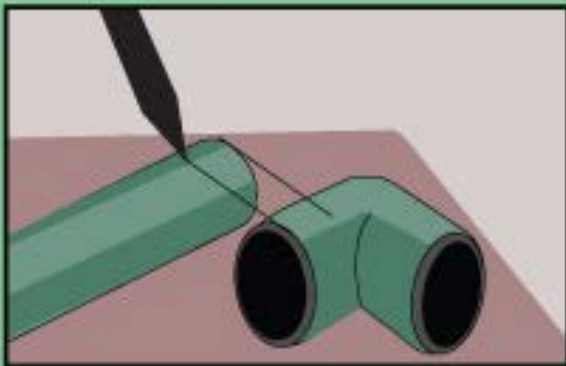
98950	1/2"
98951	3/4"
98952	1"
98953	1 1/4"
98954	1 1/2"
98955	2"

Usage Instructions



1

Cuttings pipe smoothly by a particular cutter.



2

Marking on a particular point for heat.



3

Heating pipe and fittings 1 & 2 minutes by heat melting machine.



4

Connecting pipe and fittings smoothly by putting pressure lightly.