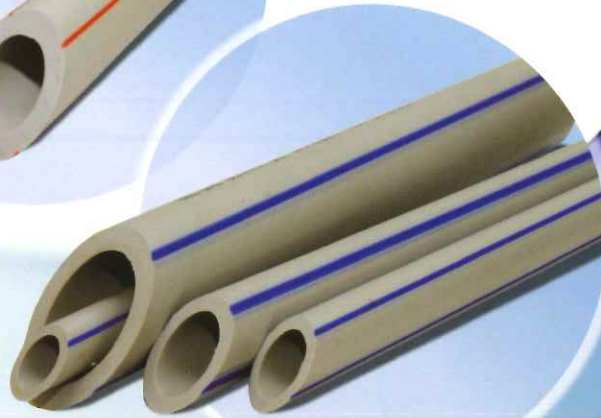




# BINA PLASTIC

INDUSTRIES SDN BHD

(C.O.No.54840-T)



**BBB™**  
PP-R PIPING SYSTEM

# BBB™

## PP-R PIPING SYSTEM

**Polypropylene Random (PP-R)** is light in weight yet with high impact strength and offers good abrasion and chemical resistance. PP-R is suitable for working use at temperatures up to 90°C. PP-R piping systems are widely used in industrial processing including cold and hot water application, air conditioning and heating.

**Bina Plastic's PP-R piping system** complies with EN ISO 15874, and fulfill the requirement of different application: pipes for hot water (PN20) and cold water (PN10), socket fusion fittings and metal transition fittings.

### PP-R PIPES



PN10 and PN16 PP-R Pipes



PN20 PP-R Pipes

Nominal Size DN/OD (mm)	Mean Outside Diameter (mm)		Type of Pipe		
			PN 10	PN 16	PN 20
			SDR 11	SDR 7.4	SDR 6
	min	max	Wall Thickness (mm), min		
20	20.0	20.3	1.9	2.8	3.4
25	25.0	25.3	2.3	3.5	4.2
32	32.0	32.3	2.9	4.4	5.4
40	40.0	40.4	3.7	5.5	6.7
50	50.0	50.5	4.6	6.9	8.3
63	63.0	63.6	5.8	8.6	10.5
75	75.0	75.7	6.8	10.3	12.5
90	90.0	90.9	8.2	12.3	15.0
110	110.0	111.0	10.0	15.1	18.3

# SOCKET FUSION FITTINGS

## Socket



Size (mm)	
20	63
25	75
32	90
40	110
50	-

## Elbow 90°



Size (mm)	
20	63
25	75
32	90
40	110
50	-

## Elbow 45°



Size (mm)	
20	63
25	75
32	90
40	110
50	-

## Equal Tee



Size (mm)	
20	63
25	75
32	90
40	110
50	-

## Reducing Tee



Size (mm)	
25 x 20 x 25	63 x 25 x 63
32 x 20 x 32	63 x 32 x 63
32 x 25 x 32	63 x 40 x 63
40 x 20 x 40	63 x 50 x 63
40 x 25 x 40	75 x 32 x 75
40 x 32 x 40	75 x 63 x 75
50 x 20 x 50	90 x 32 x 90
50 x 25 x 50	90 x 63 x 90
50 x 32 x 50	110 x 63 x 110
50 x 40 x 50	-

## Reducing Bush



Size (mm)	
25 x 20	63 x 25
32 x 20	63 x 32
32 x 25	63 x 40
40 x 20	63 x 50
40 x 25	75 x 63
40 x 32	90 x 63
50 x 20	90 x 75
50 x 25	110 x 63
50 x 32	110 x 75
50 x 40	110 x 90
63 x 20	-

## End Cap



Size (mm)	
20	40
25	50
32	63

# TRANSITION FITTINGS



**Threaded Male Coupling**



**Threaded Female Coupling**

Size (mm x inch)	
20 x 1/2	32 x 1
20 x 3/4	40 x 1 1/4
25 x 1/2	50 x 1 1/2
25 x 3/4	63 x 2
32 x 3/4	-



**Threaded Male Elbow 90°**



**Threaded Female Elbow 90°**

Size (mm x inch)	
20 x 1/2	32 x 1
20 x 3/4	-
25 x 1/2	-
25 x 3/4	-
32 x 3/4	-



**Threaded Male Tee**



**Threaded Female Tee**

Size (mm x inch)	
20 x 1/2	-
25 x 1/2	-
25 x 3/4	-
32 x 3/4	-
32 x 1	-



**B** **BINA PLASTIC**  
INDUSTRIES SDN BHD  
(CO. No. 54840-T)

**Address**

Lot 4844, Balakong New Village Industrial Estate,  
43300 Seri Kembangan, Selangor Darul Ehsan, Malaysia

**Factory 1**

Tel : (603) 8961 2211 / 8961 2212 / 8961 1031 / 8962 2213  
Fax : (603) 8961 2313 / 8961 1348

**Factory 2**

Tel : (603) 8961 2107 / 8961 2084 / 8961 1319 / 8961 5792  
Fax : (603) 8961 2544

**Website** [www.binaplast.com](http://www.binaplast.com)

**E-mail** [info@binaplast.com](mailto:info@binaplast.com)