

*The Mark of Leader*  
**POPULAR<sup>®</sup>**  
**PIPES**

Made up of best  
European Raw Material  
**PPR-100**  
**PIPES & FITTINGS**  
Hot & Cold  
Water Distribution System  
DIN 8077/8078  
DIN 16962, EN ISO 15874

*Fervent - Prompt - High Efficient*



**POPULAR PIPES GROUP OF COMPANIES**  
PROVIDING YOU THE BEST IS OUR FORTE



## DIAMETER & WALL THICKNESS RANGES DIN 8077/8078:2008-09

OUTER DIAMETER		PN-16 Wall Thickness		PN-20 Wall Thickness		PN-25 Wall Thickness	
MIN. mm	MAX. mm	MIN. mm	MAX. mm	MIN. mm	MAX. mm	MIN. mm	MAX. mm
20	20.3	2.8	3.3	3.4	4.0	4.1	4.8
25	25.3	3.5	4.1	4.2	4.9	5.1	5.9
32	32.3	4.4	5.1	5.4	6.2	6.5	7.4
40	40.4	5.5	6.3	6.7	8.6	8.1	9.2
50	50.5	6.9	7.8	8.3	9.4	10.1	11.4
63	63.6	8.6	9.7	10.5	11.8	12.7	14.2

## ALLOWABLE OPERATING PRESSURE

TEMPERATURE	TIME OF SERVICES	PN-16		PIPE SERIES PN-20		PN-25	
		ALLOWABLE OPERATING PRESSURE					
°C	YEARS	BAR	PSI	BAR	PSI	BAR	PSI
20	100	19.9	288.6	25.0	362.5	31.5	456.8
30	100	16.8	243.6	21.1	306.0	26.6	385.7
40	100	14.1	204.5	17.8	258.1	22.4	324.8
50	100	11.8	171.1	14.9	216.1	18.8	272.6
60	50	10.2	147.9	12.9	187.1	16.2	234.9
70	50	6.7	97.2	8.5	123.3	10.7	155.2
80	25	5.1	74.0	6.5	94.3	8.1	117.5

### SALIENT FEATURE

- Exceptional corrosion & erosion resistance  
PPR-100 is a polymer product, hence installing PPR-100 just forget about problems & so it is an ideal product for various Chemical & other Fluid transmit application.
- Higher chemical resistance power highertemperatures.
- Low Thermal Conductivity makes it Piping system where one needs to Maintain the Temperature. Indeed it lowest Thermal Conductivity compared other polymers.
- Anti-Fungal & Non-toxic product, free growth of any bacteria.
- Leak-proof & airtight homogenous fusion welding methods. Negligible head Minimum Pressure loss & Higher Flow to smooth internal surface & hom joints.
- Inherited characteristic of high impact makes its suitable for industrial application unskilled labor region.
- Wide Temperature range: -40C (suitable for both hot & cold applications)
- Very low thermal loss, as PPR-C conductor of heat & condensation.
- Trouble-free installation process & weight for transmit.
- Long Service life, above 50 years over temperature range.
- Superior Impact, Fracture Resis Minimum Crack Transmission du Polymer with random assortment.

**SIZE RANGE:** 20MM to 160mm



Serving **360°**  
of PIPING  
Solutions