



PP-R Piping System: Technical Data Sheet

A. TECHNICAL SPECIFICATION

Hot/Cold waterlines - shall be **POLYMUTAN Pipe SDR6, made in Germany**. Bars length 4m., according to EN ISO 15874, DIN 8077/78 PP-R, Hot and Cold water up to 70degrees Celsius/ 10 bar class 1/ 10 bar, class 2 2/8 bar, SKZ, TZW certified for drinking water color green with red stripes. Exclusively distributed by OTHMANN INC.

B. INTERNATIONAL QUALITY AND HEALTH CERTIFICATIONS



C. INSTALLATION TECHNOLOGY

1. Socket Fusion Technology or;
2. Electrofusion Technology

D. MANUFACTURING STANDARDS AND REGULATIONS

1. DIN 8077 – Polypropylene (PP) pipes – PP-R Dimensions
2. DIN 8078 - Polypropylene (PP) pipes - PPR: General quality requirements and testing
3. EN ISO 15874 - Plastics piping systems for hot and cold water installations
Polypropylene (PP) Part 1, 2, 3, 5 & 7.

E. SIZE AVAILABILITY

Nominal Size	Outside Diameter	SDR 6 or PN20		SDR 11 or PN10	
		Pipe Thickness	Inner Diameter	Pipe Thickness	Inner Diameter
in	mm	mm	mm	mm	mm
1/2"	20 mm	3.4	13.2	1.9	16.2
3/4"	25 mm	4.2	16.6	2.3	20.4
1"	32 mm	5.4	21.2	2.9	26.2
1 1/4"	40 mm	6.7	26.6	3.7	32.6
1 1/2"	50 mm	8.3	33.4	4.6	40.8
2"	63 mm	10.5	42.0	5.8	51.4
2 1/2"	75 mm	12.5	50.0	6.8	61.4
3"	90 mm	15	60.0	8.2	73.6
4"	110 mm	18.3	73.4	10	90.0