



PP-R Piping System: Technical Data Sheet

A. TECHNICAL SPECIFICATION

Hot/Cold waterlines - shall be **ECOSAN single layer 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 |