

WEXAN PIPELINE®

PP-R Piping System: Technical Data Sheet

A. TECHNICAL SPECIFICATION

Hot/Cold waterlines shall be Hostalen PP H5416, a natural polypropylene copolymer (PPR80) pipes PN-20 confirming to ISO/DIN 15874 GB/T 18742-2002, “**WEXAN PIPELINE**” brand made in Weixing Group of Co., Ltd. from Zheijang China. Jointing shall be fusion welded. 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 9 or PN16		SDR 11 or PN10	
		Pipe Thickness	Inner Diameter	Pipe Thickness	Inner Diameter	Pipe Thickness	Inner Diameter
in	mm	mm	mm	mm	mm	mm	mm
1/2"	20 mm	3.4	13.2	2.8	14.4	2.3	15.4
3/4"	25 mm	4.2	16.6	3.5	18	2.8	19.4
1"	32 mm	5.4	21.2	4.4	23.2	3.6	24.8
1 1/4"	40 mm	6.7	26.6	5.5	29	4.5	31
1 1/2"	50 mm	8.3	33.4	6.9	36.2	5.6	38.8
2"	63 mm	10.5	42.0	8.6	45.8	7.1	48.8
2 1/2"	75 mm	12.5	50.0	10.3	54.4	8.4	58.2
3"	90 mm	15	60.0	12.3	65.4	10.1	69.8
4"	110 mm	18.3	73.4	15.1	79.8	12.3	85.4
6"	160mm	17.9	106.8	21.9	116.2	26.6	124.2