

PP-R PIPE AND FITTINGS

MAIN FEATURES

PRODUCT	PP-R pipe, Polypropylene Random Copolymer, blue color. PP-R Fittings, Polypropylene Random Copolymer, blue color without and with metal insert in chrome-plated brass CW614N and electric socket.		
RAW MATERIAL	Polypropylene Random Copolymer PP-R		
FIELD OF APPLICATION	Cold and hot water installation for drinkable water, heating and air-conditioning.		
DIMENSIONS	Pipe: PN20-SDR6 : Ø20-Ø25-Ø32-Ø40-Ø50-Ø63-Ø75-Ø90-Ø110mm Pipe: PN16-SDR7.4 : Ø32-Ø40-Ø50-Ø63-Ø75- Ø90- Ø110- Ø125mm Pipe: PN10-SDR11 : Ø20-Ø25-Ø32-Ø40-Ø50-Ø63-Ø75-Ø90-Ø110- Ø125mm Fittings: PN20-SDR6 : All the range: from Ø20 to Ø125mm Electric socket: PN20-SDR6 : Ø20-Ø25-Ø32mm. Electric socket: PN16-SDR7.4 : Ø40-Ø50-Ø63-Ø75-Ø90- Ø110mm. Electric socket: PN10-SDR11 : Ø125mm.		
STANDARDS	UNI EN ISO 15874 - DIN 8077-78		

Linear expansion coefficient	mm/mk	0,15
Internal roughness	mm	0,007

WORKING CONDITIONS ACCORDING TO 50 YEARS LIFE

CLASS	1		
Working Temperature	60°C		
Working Pressure	PN20-SDR6	10 bar	
	PN16-SDR7,4	8 bar	
	PN10-SDR11	6 bar	

OTHER APPLICATION FIELDS	<ul style="list-style-type: none"> ▪ Compressed air ▪ Flow of thermal and saline waters ▪ Flow of industrial liquids ▪ Flow of food liquids
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RAW MATERIAL FEATURES

	STANDARDS	UNITY	VALUE
PP-R			
Density at 23°C	ISO 1183	g/cm ³	0.898
Flow Index			
MFI 190/5kg	ISO 1133	g/10 min	0.5
MFI 230/2.16kg	ISO 1133	g/10 min	0.3
Thermal conductivity at 20°C λ		W/mK	0,24

Issue 01/2019 – rev.06

PRANDELLI S.p.A



UNI EN ISO 9001:2015