

PRODUCT DESCRIPTION:

ROMAFASER PP-R 100 SDR 7.4 pipe, Series 3.2, is manufactured with PP-R MRS 10.0 raw material and fiberglass. This is a multilayer 3-layered pipe resulting from an internal layer made of PP-R 100, a middle layer made of PP-R 100 + Fiberglass and an external layer made of PP-R 100. The incorporation of fiberglass on middle layer grants to the pipe an increased mechanical resistance with greater hydrostatic pressure strength and lower thermal expansion. This pipe is suitable for hot and cold water distribution and HVAC systems.

The pipe is supplied in green or blue colour with 4 longitudinal red or green lines, respectively.

APPLICATIONS:

- Drinking water distribution;
- Systems for hot and cold water distribution;
- HVAC systems;
- High temperature heating;
- District heating systems;
- Industrial fluids transportation;
- Reverse osmosis (RO) systems;
- Compressed air systems;
- Chemical transport;
- Shipbuilding.

ADVANTAGES:

Increased flow rates;

- Reduction of fixing points;
- Low pressure loss;
- Great thermal insulation;
- Reduction on insulation thickness;
- Long lifetime of system;
- Easy, quick and safe assembly;
- Great acoustic insulation.

KEY FEATURES:

- Thinner wall-thickness;
- Middle layer made of PP-R 100 reinforced with FG;
- Lower thermal expansion than monolayer PP-R 100;
- Low thermal conductivity coefficient;
- Low roughness;
- Corrosion resistant;
- Low deposits accumulation or incrustations;
- High abrasion resistance;
- Non-toxic.

Characteristics:

REFERENCE	NOMINAL DIAMETER (mm)	EXTERIOR DIAMETER Dext (mm)		THICKNESS e (mm)		INTERIOR DIAMETER Dint (mm)		WEIGHT (kg/m)	MAX WEIGHT WITH WATER* (kg/m)	COLOUR **	
		Min	Max	Min	Max	Min	Max				
P-16020-F	20	20,0	20,3	2,8	3,2	13,6	14,7	0,153	0,350	✓	✓
P-16025-F	25	25,0	25,3	3,5	4,0	17,0	18,3	0,246	0,509	✓	✓
P-16032-F	32	32,0	32,3	4,4	5,0	22,0	23,5	0,390	0,824	✓	✓
P-16040-F	40	40,0	40,4	5,5	6,2	27,6	29,4	0,600	1,279	✓	✓
P-16050-F	50	50,0	50,5	6,9	7,7	34,6	36,7	0,919	1,977	✓	✓
P-16063-F	63	63,0	63,6	8,6	9,6	43,8	46,4	1,433	3,124	✓	✓
P-16075-F	75	75,0	75,7	10,3	11,5	52,0	55,1	2,061	4,445	✓	✓
P-16090-F	90	90,0	90,9	12,3	13,7	62,6	66,3	2,933	6,385	✓	✓
P-160110-F	110	110,0	111,0	15,1	16,8	76,4	80,8	4,344	9,472	✓	✓

* water max. weight calculated with pH₂O at 4°C;

** other colours on demand;

Note: other dimensions available on demand.