

PRODUCT DESCRIPTION:

HELISYSTEM PP-R 100 SDR 6 pipe, Series 2.5, is a monolayer pipe manufactured with PP-R MRS 10.0 raw-material for application on hot and cold water distribution and HVAC systems. The pipe is supplied in green or blue colour with 1 longitudinal red or green line, respectively.

APPLICATION:

- 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:

- Low pressure loss;
- Long lifetime of system;
- Great acoustic insulation;
- Easy, quick and safe installation;
- Great thermal insulation;
- Thermofusion welding;
- Pipes and fittings made of Polypropylene Random.

KEY FEATURES:

- Low roughness;
- High abrasion resistance;
 - Corrosion resistant;
 - High sound absorption coefficient;
 - Low deposits accumulation or incrustations;
 - High chemical resistance;
 - Low thermal conductivity coefficient;
 - 100% recyclable;
 - Non-toxic.

Characteristics:

REFERENCE	NOMINAL DIAMETER (mm)	EXTERIOR DIAMETER Dext (mm)		THICKNESS e (mm)		INTERIOR DIAMETER Dint (mm)		WEIGHT (kg/m)	MAXIMUM LOAD WITH WATER* (kg/m)	COLOUR **	
		Min	Max	Min	Max	Min	Max				
P-16020	20	20,0	20,3	3,4	3,9	12,2	13,5	0,175	0,318	✓	✓
P-16025	25	25,0	25,3	4,2	4,8	15,4	16,9	0,266	0,490	✓	✓
P-16032	32	32,0	32,3	5,4	6,1	19,8	21,5	0,438	0,801	✓	✓
P-16040	40	40,0	40,4	6,7	7,5	25,0	27,0	0,678	1,251	✓	✓
P-16050	50	50,0	50,5	8,3	9,3	31,4	33,9	1,036	1,939	✓	✓
P-16063	63	63,0	63,6	10,5	11,7	39,6	42,6	1,638	3,063	✓	✓
P-16075	75	75,0	75,7	12,5	13,9	47,2	50,7	2,340	4,359	✓	✓
P-16090	90	90,0	90,9	15,0	16,6	56,8	60,9	3,353	6,266	✓	✓
P-160110	110	110,0	111,0	18,3	20,3	69,4	74,4	4,900	9,247	✓	✓

PIPE POLYPROPYLENE RANDOM PP-R 100 SDR 6



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

** other colours on demand;

Note: other dimensions available on demand.