

İNGİLİZCE ÜRÜN ŞARTNAMESLERİ (WavinAS ve aquatherm ürünleri)

PRODUCT SPECIFICATIONS

1. Soundproof Soil and Waste Pipe (11 dB at 4 l/s) **WavinAS**
2. Sanitary pipe system (**aquatherm-GREEN Pipe**)
3. Pipe for Chilled and hot fluid applications (**aquatherm-BLUE Pipe**)
4. Sprinkler pipe system (**aquatherm-RED Pipe**)
5. Floor and radiator heating pipe system (**aquatherm ORANGE Pipe**)

1- SOUNDPROOF SOIL AND WASTE PIPE (11 dB(A) at 4 l/s)

Joint rubber ring push-fit ,rain, soil and waste pipe system made of Astolan,produced according to ISO 9001 in Germany with a density of 1,9 g/cm³ for the complete product program (pipes and fittings), with a high wallthickness (at least 4,0 mm), resistant to hot water 90°C continuous operation and 110°C changing stresses, resistant to pH 2 – 12 chemicals, fulfilling the requirements of DIN 1986-100 and DIN EN 12056, sound insulating according to DIN 4109 (11 dB(A) at 4 l/s), quality mark of the German Association of Plastic Pipes (GKR), Bonn, and a general building inspection approval with the approval number Z.-42.1228 from the German Institute for Building (DiBt), pipes plain ended, fittings with one end plain ended and the others socketed, sockets with internal rubber rings, in dimensions DN 56 – DN 200, colour RAL 7035 light grey.

DN 56 (o.d. 58,0 x 4,0 mm), DN 70 (o.d. 78,0 x 4,5 mm), DN 90 (o.d. 90,0 x 4,5 mm), DN 100 (o.d. 110,0 x 5,3 mm), DN 125 (o.d. 135,0 x 5,3 mm), DN 150 (o.d. 160,0 x 5,3 mm), DN 200 (o.d. 200,0 x 6,2 mm)

2- Sanitary pipe system

Pressure pipe system for sanitary, heating and potable water, pipes made of fusiolen PP-RP faser composite, pipes and fittings equipped with metal deactivation, produced according to ASTM F2389, CSA B 137.11, NSF 14 standards and certified by ASTM and NSF, absolutely corrosion resistant, has a linear expansion value of 0,035 mm/mK, heat and sound insulating characteristics (heat conductivity must be 0,15 W/mK), system carries a 10 year guarantee for pipe and fittings with a product liability of 20 Mio. EUR per damage event. Colour green / 4 moss-green stripes, joining by fusion welding up to 125 mm pipe diameter and butt welding above 125 mm, in dimensions up to 355 mm, Standard dimensional ratio for the pipe must be SDR 9.

Manifolds up to 355 mm must be made of fusiolen PP-RP faser composite pipe using weld-in saddles technique (included fittings and valves) according to technical drawings, all system must be absolutely corrosion resistance. Pipes standard dimensionel ratio must be SDR 9.

3- Pipe for Chilled and hot fluid applications

Pressure pipe system for chilled and hot fluid applications, pipes made of fusiolen PP-R faser composite, pipes and fittings equipped with metal deactivation, produced according to ASTM F2389, CSA B 137.11 standards and certified by ASTM. Absolutely corrosion resistant, has a linear expansion value of 0,035 mm/mK, heat and sound insulating characteristics (heat conductivity 0,15 W/mK) and high heat stabilized t.max: 90°C, system carries a 10 year guarantee for pipe and fittings with a product liability of 20 Mio. EUR per damage event. Colour blue / 4 green stripes, joining by fusion welding up to 125 mm pipe diameter and butt welding above 125 mm, in dimensions between 20 mm and 355 mm, Pipes standard dimensionel ratio must be SDR 11

Manifolds up to 355 mm must be made of fusiolen PP-R faser composite pipe using weld-in saddles technique (included fittings and valves) according to technical drawings, all system must be absolutely corrosion resistance. Pipes standard dimensionel ratio must be SDR 11

4- Sprinkler pipe system

Pressure pipe system for fire sprinkler system, pipes made of fusiolen PP-R FS faser composite, pipe and fittings equipped with metal deactivation, certified from LPCB , not easily flammable material class B1 according to DIN 4102, resistance against corrosion and chemicals, system carries a 10 year guarantee for pipe and fittings with a product liability of 20 Mio. EUR per damage event. Colour red / 4 green stripes, joining by fusion welding up to 125 mm and butt welding above 125 mm, in dimensions between 20 mm and 160 mm (SDR 7,4).

5- Floor and radiator heating pipe system

Floor and radiator heating pipe system made of polybuten, produced according to DIN 16968, DIN 4727 and DIN 4726 standards, absolutely corrosion resistant, has a linear expansion value of 0.13 mm/mK, system carries a 10 year guarantee for pipe and fittings with a product liability of 20 Mio. EUR per damage event. Colour grey DP 4137, in dimensions between 16 mm and 32 mm.