

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Aquatechnik Group SpA
Address	via P.F. Calvi 40, Magnago, 20020, Italy
Place of Production	Aquatechnik Group SpA via P.F. Calvi 40, Magnago (MI), 20020, Italy
Type	Plastic Pipes
Description	Plastic piping & fittings for sanitary, heating and underfloor heating systems
Application	Non-essential class III systems including: sanitary heating and cooling (including underfloor) drinking water swimming pool and whirlpool filling water hot and cold fresh water
Specified Standard	Rules & Regulations for the Classification of Ships, Part 5, Chapter 12. BS EN ISO 21003 ASTM D635
Ratings	DN 16 to 32mm, NP 16 bar DN 40 to 75mm, NP 13 bar

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A member of the Lloyd's Register Group

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Other Conditions

1. When installed onships classed by Lloyd's Register, the pipes are to be installed in accordance with the manufacturer's instructions and recommendations, and LR's Rules and Regulations for the Classification of Ships, and the system is to be tested on completion to the attending Surveyor's satisfaction.
2. The Tubes and fittings are to be permanently marked by the manufacturer with the following details:
 - Manufacturer's name or trademark.
 - Designation type reference.
 - Nominal diameter.
 - Pressure rating.
 - Temperature range.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR1900846TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.