

Lloyd's
Register

TA


TYPE APPROVED

LR 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 LR Type Approval System.

This certificate is issued to:

PRODUCER	Georg Fischer SpA
PLACE OF PRODUCTION	Via Sondrio, 1 20063 Cernusco s/N (MI) Italy
DESCRIPTION	PP-R (Random Polypropylene) piping system and fittings
TYPE	+GF+ AQUASYSTEM
APPLICATION	Marine non-essential piping systems:- Domestic hot and cold water services Heating and air conditioning systems Sanitary systems
SPECIFIED STANDARDS	Lloyd's Register's Rules and Regulations for the Classification of Ships Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft DIN 8077 DIN 8078 DIN 16962 Flame spread in accordance with ASTM D635.91
RATINGS	Pipe and fitting diameter: 20mm to 110mm Pressure rating: PN10 and PN20 Temperature range: 0°C to 95°C
Certificate No.	01/00100
Issue Date	12 June 2001
Expiry Date	11 June 2006
Sheet	1 of 2


P. F. Moysey

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Lloyd's Register of Shipping
71 Fenchurch Street, London EC3M 4BS

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CONDITIONS

1. Pipe selection, installation design, welding and bonding procedures are to be in accordance with the manufacturer's instructions and recommendations
2. Use in accommodation to service and control spaces may be subject to National Authority requirements

"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 LR of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 01/00100 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	01/00100
Issue Date	12 June 2001
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