

San Maurizio d'Opaglio, 12/02/2020

SUPPLIER CONFORMITY DECLARATION

(according to ISO/IEC 17050-1)

Giacomini S.p.A. company, manufacturer of components for heating, cooling and sanitary distribution systems, located in Italy, San Maurizio d'Opaglio (NO), via per Alzo no. 39, whose design and production processes comply with the requirements of the UNI EN ISO 9001:2015 standard,

STATES THAT

the raised temperature resistance polyethylene pipes (Pe-RT)

R978

have been properly designed and manufactured,
in compliance with **DIN 16837, DIN 16833 and ISO 22391** standards,
as per enclosed statement.

Eng. Marco Rosa Brusin

Technical Manager



STATEMENT

The features of the pipe systems are specified for a period of 50 years of continuous working, in compliance with ISO 22391 standard.

Application range	T _{oper} (°C)	Time at T _{oper} (years)	T _{max} (°C)	Time at T _{max} (years)	T _{mal} (°C)	Time at T _{mal} (h)
Class 4 Floor heating system and low temperature radiators	20	2,5 plus	70	2,5	100	100
	40	20 plus				
	60	25				

Working temperature (T_{oper}): Working temperature expected for the application range, expressed in °C;

Maximum working temperature (T_{max}): higher value compared to the working, permitted only for a short period of time;

Malfunctioning temperature (T_{mal}): the highest temperature value that can occur when the control systems are out of order (the possible and permitted period of time for such value is 100 h over a period of 50 years of continuous working).

All pipes are suitable to the transport of water for a period of 50 years at a working temperature corresponding to the application range and a working pressure of 6 bar;

All pipes are suitable to the transport of water for a period of 50 years at a temperature of 20°C and a working pressure of 10 bar.

GUARANTEE

All products and components supplied by GIACOMINI S.p.A. are subjected to the European norms in force about guarantee and responsibility (Directive 1994/44/CE, Directive 2001/95/CE and CEE 85/374).

The guarantee is not valid in the following cases:

1. If the working conditions are different from the prescribed ones;
2. If the pipe is used to distribute fluids that are not compatible with the material;
3. If the installation instructions are not rigorously followed;
4. If the pipe at the installation time, shows defects due to accidental factors, visually perceivable during the laying or while performing the pressure test of the system;
5. If the pipe is installed using components not manufactured by Giacomini or different from those permitted.

For the general sale conditions, please refer to the updated Giacomini's price list.