

San Maurizio d'Opaglio, 17/01/2020

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 n. 39, whose design and production processes comply with the requirements of the UNI EN ISO 9001:2015 standard,

STATES that

the Pe-X/Al/Pe-X and Pe-RT/AL/Pe-RT multiplayer pipes

R999 – R999I - R977 – R977I series

have been designed and manufactured in compliance

with the corresponding norms in force

(ISO 21003 and Law 9th January 1991, no.10)

as per the enclosed statement.

Ing. Marco Rosa Brusin

Technical Manager

Marco Rosa Brusin

STATEMENT

The application ranges of the Pe-X/Al/Pe-X and Pe-RT/Al/Pe-RT multiplayer pipes, reported as follows, are defined by the corresponding norms in force, that provide for:

- Maximum working temperature equal to **90°C**;
- Maximum working pressure equal to **10 bar**.

The features of the piping systems are specified on a period of 50 years of continuous working.

Application range	work T (°C)	Time at work T (years)	T _{max} (°C)	Time at max T (years)	mal T (°C)	Time at mal T (h)
Sanitary hot water (60°C)	60	49	80	1	95	100
Sanitary hot water (70°C)	70	49	80	1	95	100
Floor heating and low temperature radiators	20	2,5	70	2,5	100	100
	plus					
	40	20				
	plus					
	60	25				
Heating with high temperature radiators	20	14	90	1	100	100
	plus					
	60	25				
	plus					
	80	10				

Working temperature (work T): operating temperature provided for the application range, expressed in °C;

Maximum working temperature (max T): value higher than the working temperature, allowed only for a short period of time;

Malfunction temperature (mal T): the highest temperature value that can occur when the control systems are damaged (the possible and allowed period of time for such value is 100 h on a period of continuous working of 50 years).

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

All pipes are suitable for the transport of water for a period of 50 years, at a temperature of 20°C and at 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 scrupulously followed;
4. if the pipe at the installation time, already shows defects due to accidental factors, that are visually perceivable at the laying phase or at the pressure test of the system;
5. if the pipe is installed by using components that are not manufactured by Giacomini, or different from the permitted ones.

Please refer to the updated price list catalogue, for the general sale conditions.