

San Maurizio d'Opaglio, 24/04/2025

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

Polypropylene Random (PP-R) pipes and fittings

of **GIACOGREEN SYSTEM**

can be used for:

- distribution of hot and cold water for sanitary uses;
- realization of heating and cooling systems;

in compliance with **EN ISO 15874** standard, as per the enclosed statement.

Eng. Marco Rosa Brusin

Technical Manager



DICHIARAZIONE NUMERO: dich1_09_04_03_EN

STATEMENT

Polypropylene Random (PP-R) pipes of the **GIACOGREEN SYSTEM** are classified according to series **S2.5 – SDR 6**, and are used in the application classes reported in the following table.

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

Application class	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)
1	Sanitary hot water (60°C)	60	49	80	1	95	100
2	Sanitary hot water (70°C)	70	49	80	1	95	100
4	Floor heating system and low temperature radiators	20	2,5	70	2,5	100	100
		plus					
		40	20				
		plus					
		60	25				
5	Heating with high temperature radiators	20	14	90	1	100	100
		plus					
		60	25				
		plus					
		80	10				

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

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

Malfunctioning temperature (T_{mal}): the highest temperature value that can occur when the control systems sustain damage (the possible and allowed period for such value is 100 h on a period of 50 years of continuous working).

All pipes are suitable for water transportation for a period of 50 years at a working temperature corresponding to the application range and to the indicated working pressure

Application range	Working pressure
Sanitary hot water (60°C)	10 bar
Sanitary hot water (70°C)	8 bar
Floor heating system and low temperature radiators	10 bar
Heating with high temperature radiators	6 bar

GUARANTEE

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

Warranty does not cover following cases:

1. If the working conditions are different from the ones prescribed by the Company;
2. If the pipe is used for distribution of fluids which are not compatible with the material;
3. if the installation instructions are not scrupulously followed;
4. If the pipe presents an evident imperfection before the installation due to accidental factors, that are visually perceivable during the laying or during the pressure test of the system;
5. If the pipe is installed using components not manufactured by Giacomini, or different from the allowed ones.

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