

San Maurizio d'Opaglio, 15/11/2006

GIACOMINI PE-X PIPE DECLARATION

Pe-x pipe supplied by Giacomini S.p.A., is manufactured in accordance with the norm EN ISO 15875. Subject pipe is produced starting from high density granular polyethylene (HDPE), and submitted to cross linking process according to the sylano method.

Pipe is appropriate for 50 years of utilise, at the following working conditions (table 1 of the above cited norm):

Class	Working temperature T_0 (°C)	Time at T_0 (years)	Max temperature (°C)	Time at T_{MAX} (years)	Abnormal temperature due to wrong working T_M (°C)	Time at T_M (hours)	Field of application
1	60	49	80	1	95	100	Hot water – sanitary systems (60°C)
2	70	49	80	1	95	100	Hot water – sanitary systems (70°C)
4	20	2.5	70	2.5	100	100	Floor radiant systems
	40	20					
	60	25					
5	20	14	90	1	100	100	High temperature radiators
	60	25					
	80	10					

Giacomini guarantees the pipe in accordance to the European Directive 2001/95 CE; the guarantee is valid only:

- if pipe has got the manufacturing date on it, and the client can prove it was purchased by Giacomini or by a Giacomini distributor, providing the related purchasing documents.
- If the failing is clearly due to a defect of production.

Warranty does not cover following cases:

1. When working conditions do not corresponds to the ones prescribed by the Company.
2. When pipe is utilised with not compatible products.
3. When the installation instructions are not followed.
4. When the pipe presents an evident imperfection before the installation, or when the fault is noticed during the first working test, and despite of that the pipe is not replaced and the installation goes on till conclusion.
5. When pipe is handled in different ways from those indicated by prescriptions.

Giacomini S.p.A.



Servilio Gioria

Chief Engineer R & D Dept.