

Attestato di conformità - Conformity certificate (ISO IEC 17050-1)

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Gussago, 27/11/2023

Product line: 5T00	Description: Radial Press Fittings LBP for multilayer pipe
Dimensions: according to General Fittings drawings	

General Fittings S.p.A. Company designs and produces fittings, valves and manifolds for sanitary and gas installations. It declares, under its own responsibility, that the products, here described and supplied to you, comply with below mentioned norms and decrees.

Materials:

- **Brass** UNI EN 12165-CW617N and CW612N
- **Inox sleeve** UNI EN 10088-1 corresponding to steel AISI 304 Seal elements in elastomer.



Materials requirements for seal: Vulcanized rubber.

- WRAS: English drinking water certificate.
- KTW: German drinking water certificate. NSF: USA drinking water certificate.
- ACS: French drinking water certificate.
- DM.174: Italian drinking water certificate.
- KIWA ATA: Netherlands drinking water certificate.

The materials used to produce line 5T00 fittings are of high quality and comply with:

- **Ministry Decree N°174** dated 06/04/2004 (Legislation actualization **98/83/CE**). It concerns the materials and the objects that can be used for fixed installations for the collection, treatment, supply and distribution of water for human consumption.
- **Legislation 2002/95/EC** PE.6 Enclosed RoHS.
- **DIN 50930-6** Germany – Brass for drinkable water –: it decrees the maximum concentration of heavy metals that can be present in the alloys used for sanitary and heating fittings that could harm human health.
- **HCACL Hygienic Copper Alloy Composition (UBA List)** DIN 50930, part 6 Ni<0.2% - Si<0.03% - Pb<2.2



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Radial compression fittings with o-rings are suitable for the use with hot and cold water in sanitary and Heating or compressed air with Max Pressure of 10 bar at 90°C.

The system functional characteristics are guaranteed only using tools suitable for its assembling and, especially, pressing jaws as follow:

- 16x2.0 Jaws profile TH-H-U-F
- 20x2.0 Jaws profile TH-H-U-F
- 25x2.5 Jaws profile TH-U
- 26x3.0 Jaws profile TH-H-F
- 32x3.0 Jaws profile TH-H-U-F
- 40x3.5 Jaws profile TH-H-U
- 50x4.0 Jaws profile TH-H-U
- 63x4.5 Jaws profile TH-U

Maximum operating temperature: 90°C. Minimum temperature: -20°C

The fittings (16x2.0 – 20x2.0 – 26x3.0 - 32x3.0 - 40x3.5 - 50x4 and 63x4.5) can be used in installations in which the anti-freeze is necessary, its maximum concentration can be 30%.

If the anti-freeze is made of different substances from the glycol, it is necessary to know the relevant chemical composition to verify if all the components can withstand.

Fittings and System comply with **ISO 21003-3/5** Norms “Multilayer piping systems for hot and cold water supply installations inside buildings: Part 3 Fittings and part 5 System.

General Fittings SpA declares that the design processes comply with law **UNI EN ISO 9001:2015**

DECLINES

any liability for damages to people and things caused by tampering, wrong or not appropriate use or assembling of all its products



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