

ATTESTATO DI CONFORMITA'  
 CONFORMITY CERTIFICATE

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Secondo ISO/IEC 17050-1)

<b>Product line:</b> 5T00 - Cleverfit	<b>Description:</b> Press Fittings for multilayer pipe	<b>Rev.</b> A del 09/2021
<b>Dimensions:</b> according to General Fittings drawings		

**General Fittings SpA** 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.

• **Raw material used:**

**Brass** UNI EN 12164-CW614N

**Inox sleeve** UNI EN 10088-1 corresponding to steel AISI 304

**Gaskets** EPDM PEROX homologated for drinking water UNI EN 681-1  
 Seal elements in elastomer.

Materials requirements for seal coupling in pipes used for water supply and discharge. Part 1: 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.

The raw materials (Brass) used for the production of heating and sanitary fittings are of high quality and comply with **Ministerial Decree N°174** dated 06/04/2004 (Implement of **98/83/CE** directive). This regulation concerns the raw materials and the objects that can be used in fixed installations for the collection, treatment, supply and distribution of water for human consumption.

**DIN 50930-6** Germany - Brass for drinkable water –: it sets the maximum concentration of heavy metals that can be in the alloys used for heating and sanitary fittings and that could be dangerous for human health.

HCACL Hygienic Copper Alloy Composition ( UBA List) DIN 50930, part 6 Ni<0.2% - Si<0.03% - Pb<2.2

- Threads comply with **UNI EN 10226-1** law - Piping thread for coupling on the thread.  
 Part 1: Conical external and parallel internal threads – Dimensions, tolerances e designation.
- General Fittings compression fittings with o-rings are suitable for the use with: hot-cold water Sanitary and Heating, Cooling Systems and compressed air with max pressure of 10 bar.

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- The system functional characteristics are guaranteed only using tools suitable for its assembling and, especially, pressing jaws as follow:
  - Ø16x2: Jaw type TH-U
  - Ø20x2: Jaw type TH-U
  - Ø26x3: Jaw type TH
  - Ø32x3: Jaw type TH-U
  - Ø40x3.5: Jaw type TH-U (Max pressure 6 bar)
  - Ø50x4: Jaw type TH-U (Max pressure 6 bar)
  - Ø63x4.5: Jaw type TH-U (Max pressure 6 bar)
- Maximum operating temperature: 90°C. Minimum temperature: -20°C.
- Fittings comply with **ISO 21003-3** norm. "Multilayer piping systems for hot and cold water supply installations inside buildings.  
Part 3: Fittings.
- The fittings can be used in installations in which the anti-freeze is necessary. Its maximum concentration can be 30% provided that it is based on glycol. If the anti-freeze is made of different substances from the glycol, it is necessary to know the relevant chemical composition in order to verify if all the components can withstand.
- General Fittings SpA declares that the design processes comply with norm **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.