

## ATTESTATO DI CONFORMITA' CONFORMITY CERTIFICATE

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(Secondo ISO/IEC 17050-1)

<b>Product line:</b> TRIDENT-5G00	<b>Description:</b> Press Fittings for multilayer pipe Water & Gas	<b>Rev.</b> A del 09/2021
<b>Dimensions:</b> General Fittings drawing		

La **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-CW617N

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**Compass inox** UNI EN 10088-1 corresponding to steel AISI 304



**Gasket NBR omologations:**

KTW (1.3.13 D2) (water - Germany)

DVGW EN 681-1

DM 06/04/04 N°174 (water - Italy)

DVGW-Arbeitsblatt W 270 (water - Germany)

ACS (water - France)

EN549 B2/H3 (gas - Germany)

DVGW DIN EN 682 Type GBL (Gas - Europe)

The materials used for the production of line 5S00 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.

**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

- 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 press fittings for multilayer pipe mounted in a system with pipe Metalgas-Metalgas2 and General Fittings, can be use in hydrothermal sanitary system with hot and cold water with max 10 bar of pressure and temperature -20°C/+95°C. In the application with the gas for domestic system provide from distribution system, bins and tanks of GPL max. pressure 0,5 bar and the temperature is -20°C/+70°C. These fittings can be use with compression air to 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:

**WATER**

- Ø16x2: type H-TH-U
- Ø20x2: type H-TH-U
- Ø26x3: type H-TH
- Ø32x3: type H-TH-U

**GAS**

- Ø16x2: type H-TH-U
- Ø20x2: type H-TH-U
- Ø26x3: type H-TH
- Ø32x3: type H-TH-U

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 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.