

Product lines: 2600-2700-2800	Description: Brass threaded fittings
Dimensions: according to General Fittings drawings	

General Fittings S.r.l. 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 12165-CW617N

Brass UNI EN 12164-CW614N

Gasket NBR 70

KTW: German Certificate for drinking water D2.

DVGW DIN EN 682 type GBLstandard: German gas Certificate -15° + 50°C

DVGW EN 681-1 tipo WA: German Certificate for drinking water maximum 50°C.

DVGW W270: German Certificate for drinking water.

DVGW EN 549 B2/H3: German gas Certificate -20° + 80°C.

CARSO-CLP: French Certificate for drinking water.

ACS: French Certificate for drinking water.

DM.174: Italian Certificate drinking water.



The raw materials 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

- **Fittings with tightness elements in rubber (O-Ring):** Maximum working temperature: 80°C Minimum temperature: -20°C and Maximum operating pressure 10 Bar.
- **Fittings with tightness elements thread/thread and metal/metal:** Maximum working temperature: 120°C Minimum temperature: -30°C. Maximum operating pressure 16 Bar.
- The fittings can be used in installations in which the anti-freeze is necessary. Its maximum concentration can be 50% 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.
Moreover, its applicable in compression air systems, the maximum pressure allowed is 10bar.
- The fittings comply with **UNI EN 1254-4** law. Plumbing fittings – Fittings combined with other terminals connected to capillary or compression one as in the hereinafter points specified:

4.1 Materials and tests: EN1254-1 EN1254-2 EN1554-3 EN1254-5 laws are used for finished fittings.

4.2 Threading connections: threading connections, if manufactured according to producer instructions, have to fulfil the conditions that concern the pressure test for the piping elements. Disconnection and re-connection have to be easily done. After these operations, the connection has to satisfy the pressure test requirements.

4.3 Thread dimensions: The thread items not listed in the following law, have to comply with ISO7 or ISO228 rule.

4.5 Minimum thickness: The minimum thickness for fittings thread parts has to comply with the conditions listed at point 1

- General Fittings S.r.l. Company declares that the design process are made according to **UNI EN ISO 9001:2008** law.

DECLINES

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