

## ATTESTATO DI CONFORMITA' CONFORMITY CERTIFICATE

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(Secondo ISO/IEC 17050-1)

<b>Product line:</b> 3400	<b>Description:</b> Press axial fittings for Pex (a-b-c) and multilayer Pex/Al/Pex pipes	<b>Rev.</b> A del 09/2021
<b>Dimensions:</b> according to General Fittings drawings		

**General Fittings SpA** designs and produces fittings, valves and manifolds for sanitary, heating and gas installations. It declares, under its own responsibility, that the products, here described and supplied to you, comply with below mentioned standards and decrees.

- **Raw material used:**
  - Brass UNI EN 12164-CW617N (Sleeve)**
  - Brass UNI EN 12165-CW617N (Fittings Body)**



**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 standard **UNI EN 10226-1** – Piping thread for coupling with thread tightness. Part 1: Conical outside threads and parallel inside one – Dimensions, tolerances and designation.
- General Fittings fittings range: 3400 with axial press, if combined with crosslinked polyethylene PEX (a-b-c) pipe and multilayer one are suitable for the use of hot and cold water for sanitary installations with maximum pressure of 10 bar.

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System operational characteristics are guaranteed only by the use of suitable assembling tools and especially with pressing jaws and pipe as follow:

Pex Pipe	Expander	Jaw	Multilayer pipe	Expander	Jaw
Dimensions	Type:	Type:	Dimensions	Type:	Type:
16x2.0	RH HIS	RE			
16x2,2	RH HIS	RE	16.2x2.6	RH MKV	RE
20x2,8	RH HIS	RE	20x2.9	RH MKV	RE
25x3,5	RH HIS	RE	25x3.7	RH MKV	RE
32x4,4	RH HIS	RE	32x4.7	RH MKV	RE

- Maximum working temperature designed for systems made by pex (a-b-c) and multilayer pipes Pex/Al/Pex: 100°C. Minimum temperature: -30°C, Maximum operating pressure: 10 Bar.
- The fittings complied the standard **UNI EN 21003-3** (for multilayer pipes) and **UNI EN ISO 15875-3** (for Pex pipes)
- The system (fittings and pipe) has been tested by the company laboratory, according to applying 5 class high temperature radiator (+20°C+90°C) at 10 Bar pressure for both reference standard.
- General Fittings SpA company declares that the design process and production complies with **UNI EN ISO 9001:2015** standard.

### DECLINES

Any liability for damages to people and things caused by tampering, wrong or not appropriate use or assembling of all its products. (please see laying and protection toward outside corrosion Ref. 0128-15, see general sale conditions and warranty defined in general catalogue)