

BRASS FITTING



SYSTEM **IFAN**

Catalogue

Technical Information

Description: Brass threaded fittings

IFAN in the field of design and production of fittings, valves and manifolds for plumbing, heating, sanitary and gas systems, declares, under its own responsibility, that the product herein described and supplied to you complies with the provisions, standards and decrees contained herein.

In addition, the materials used are of high quality and in line with the application of the Ministerial Decree N ° 174 of 06/04/2004 Regulation concerning the materials and objects that can be used in the fixed systems of collection, treatment, adduction and distribution of the water intended for human consumption - German Standard DIN 50930-6 Brass drinking water - Directive 2002/95 / EC PE.6 Annex ROHS.

- Raw Material Used : **Brass** UNI EN 12165-CW617N
Brass UNI EN 12164-CW614N
Seal NBR 70
 KTW: Certificazione potabilità Tedesca D2.
 DWGW DIN EN 682 type GBLstandard: German gas certification
 -15° + 50°C
 DWGW EN 681-1 tipo WA: German potability certification max
 50°C.
 DWGW W270: German potability certification.
 DWGW EN 549 B2/H3: German gas certification -20° + 80°C.
 CARSO-CLP: French drinking certification.
 ACS: French drinking certification.
 DM.174: Italian potability certification.



- All threads comply with and comply with UNI EN ISO 228-1: 2003 - Threading of pipes for non-tight coupling on the thread. Part 1: Dimensions, tolerances and designation.
- IFAN compression fittings with o-ring are suitable for use with hot (drinking water max 50 ° C) and cold water for sanitary systems.
- Fittings with rubber sealing element (O-Ring): Maximum operating temperature: 70 ° C Minimum temperature: 20 ° C. Maximum operating pressure 10 Bar.
- Fittings with thread / thread sealing element: Maximum operating temperature: 120 ° C Minimum temperature: 20 ° C. Maximum working pressure 16 Bar.

- The fittings comply with the UNI EN 1254-4 standard. Hydraulic fittings - Combination fittings other connection terminals with capillary or compression terminals and, specifically, at points:

- **4.1 Materials and tests:** for the complete fitting, the corresponding requirements specified in the EN1254-1 EN1254-2 EN1554-3 EN1254-5 standards apply

- **4.2 Threaded connections:** The threaded connections, when made in accordance with the manufacturer's instructions, must be able to satisfy the following requirements concerning the pressure test, for the respective end joints with the corresponding tube or pipe element; it must also be possible to disconnect and reconnect them and after such operations the connection must again be able to meet the corresponding requirements concerning the pressure test.

- **4.3 Thread size:** The details concerning the thread not specified in the following standard must comply with ISO7 or ISO228

- **4.5 Minimum wall thickness:** The minimum wall thickness in correspondence with the threaded parts of the fittings must comply with that indicated .

- Ifan declares that the design processes comply with the requirements of UNI EN ISO 9001: 2008.

DISCLAIMS

any responsibility for accidents to people or things deriving from tampering, incorrect or inappropriate use and installation of all its products.

APPLICATION



Flanged brass fittings. Can be used for hot and coldwater supply in water, sanitary and heating systems. Brass threaded fittings. Suitable for hot and cold water supply in sanitary and heating installations.

The flanged fittings [series 2600 and series 2700] are adaptable for any type of hydraulic, domestic, commercial, industrial, agricultural installation for heating and hygienic sanitary systems and generally with any type of non-corrosive waste. The threaded fittings (lines 2600 and 2700) are suitable for any kind of sanitary installation such as domestic, commercial, industry and farming. They can be used for heating and sanitary installations with any type of non-corrosive fluid.

Features

Materiali serie 2600
Range 2600 Materials

Body	CW617N	UNI EN 12165	yellow, nickel plated, chrome plated yellow, nickel plated, chrome plated
Nut	CW617N	UNI EN 12165	yellow, nickel plated, chrome plated yellow, nickel plated, chrome plated

Materiali serie 2700 Range 2700 Materials

Body	CW617N	UNI EN 12165
Nut	CW617N	UNI EN 12165
O-Ring	NBR	DIN EN 549
Green Ring	FIBRA	FASIT 202

Performances

WITHOUT GASKET

- Maximum working temperature: +120 °C
- Minimum working temperature: -30°C
- Maximum working pressure: 16 bar

WITH GASKET

- Maximum working temperature: +100 °C
- Minimum working temperature: -30°C
- Maximum working pressure: 10 bar

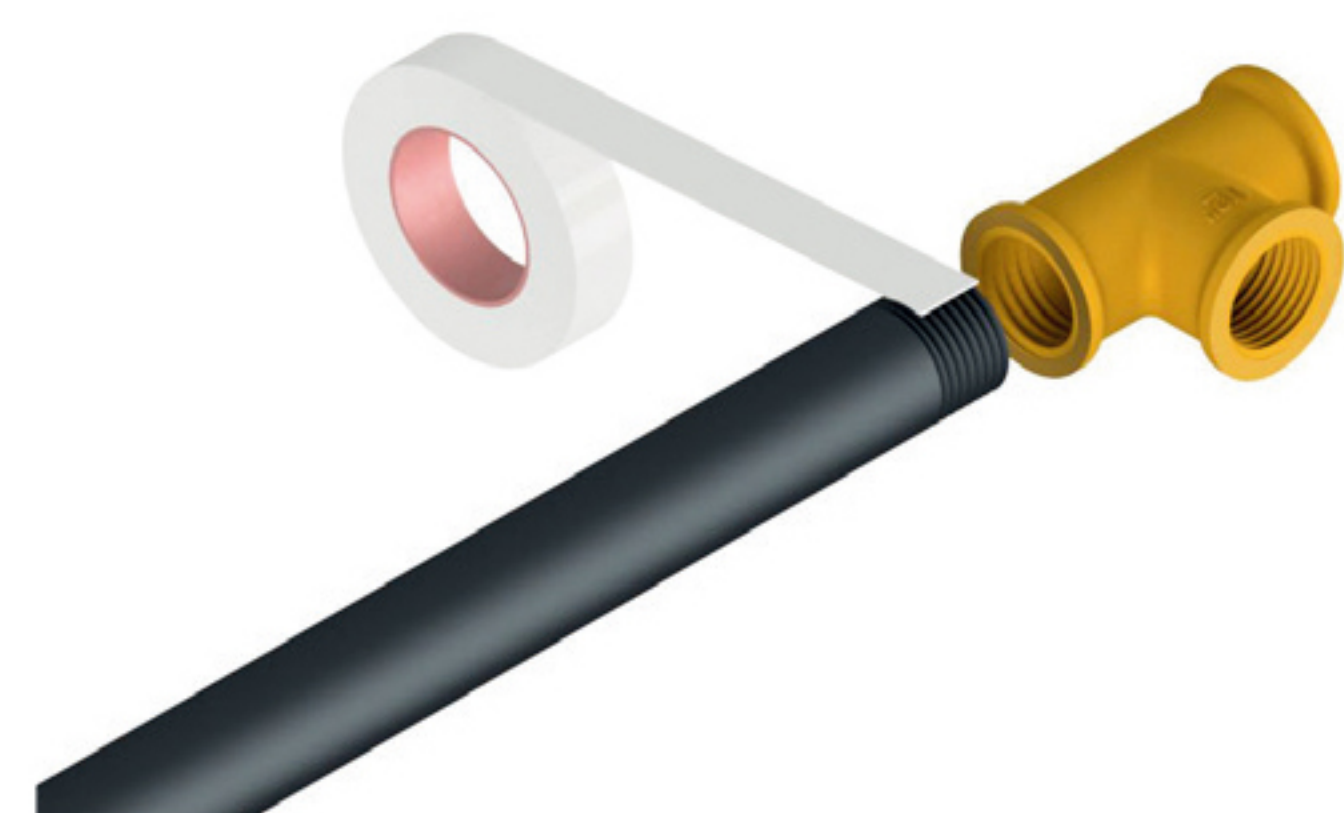
Regulations

- Fittings comply with UNI EN 1254-4 law: “ Fittings combined with other coupling capillary or compression ends”
- Threads complies with UNI EN ISO 228-1:2003 law: “ Piping thread for coupling not with tightness on the thread”
- The raw materials used are of high quality and comply with the Ministerial Decree N°174 dated 06/04/2004 concerning the materials and the items used in *fixed* installations for water collection,treatment and supply.
- Comply with 4MS, UBA List (BC group), DIN 50 30/6 Dir. 2011/65/UE, 6C attachment III (RhOSII)

Certifications



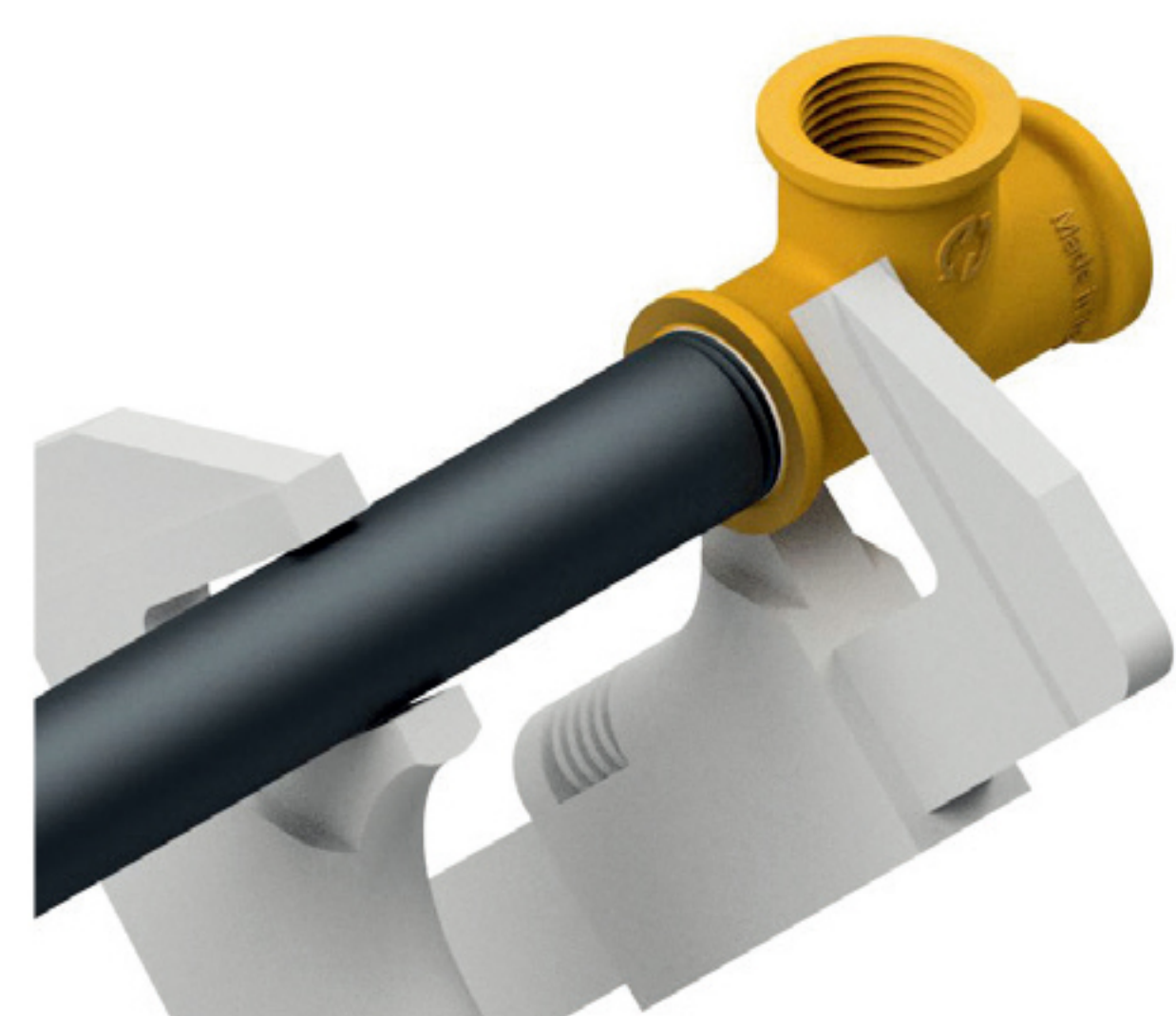
Assembly



Place over the *fitting* a lay of insulating material (no hemp) in order to obtain a better tightness on the coupling.



Please check if there isn' t a surplus of above mentioned coat, in order to prevent possible breakings caused by excessive screwing



Connect the *fitting* with the circuit. Pay attention to not exceeding in screwing. Please check fittings thread length and screw the pipe not more than this length. Be sure to avoid *fitting* deformation



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