



TECHNICAL DATA SHEET

FRABOPRESS GAS

COPPER AND BRONZE PRESS FITTINGS

FRABOPRESS GAS

Copper and Bronze press fittings



DESCRIPTION

FRABOPRESS GAS is a series of press fittings made of high purity copper **Cu-DHP** (material **CW024A** according to **EN 1412**) and high purity cast bronze with yellow **HNBR** gasket.

The O-ring is suitable for domestic installations of Natural Gas and LPG and is certified according to EN549.

All the **FRABOPRESS GAS** copper fittings comply with the **UNI 11065 Class 2 (gas applications)** standard and have a yellow marking.

Suitable for pressing with "V" type jaws.

APPLICATIONS

FRABOPRESS GAS fittings are suitable for the realization of pressed junctions on high quality copper pipes in gas systems according to current regulations.

See table A for recommended temperatures and pressure.

TABLE A

APPLICATION		Pmax (bar)	Tmax °C
	Domestic Gas	5	-20°/+70°C
	LPG	5	-20°/+70°C

For uses other than those mentioned thus far, please request the maximum operating conditions from the **FRABO technical support office**

THREADED CONNECTIONS

Mixed connection fittings to other systems are made using bronze threaded parts with press ends. The threads comply with **UNI EN 10226-1** standard.

PIPES TO BE USED

The **FRABOPRESS GAS** fittings are suitable for a safe connection to copper pipes (in rods or rolls) compliant with **EN 1057** regulations and **DVGW** certificates.

In gas system installations, pipes described in **EN 1057** standard and by **DVGW GW392** certificates can be pressed with the **FRABOPRESS GAS** system (hard and half hard copper pipes).

FRABOPRESS GAS fittings are suited for gas system installations as set by TRGI 600:2008.

Please refer to TRGI 600:2008 for details. Please always refer to applicable national standards and regulations

Please refer to the table below for dimension and minimum thickness.

MINIMUM THICKNESS FOR GAS SYSTEMS								
External Pipe Diameter [mm]	12	15	18	22	28	35	42	54
Minimum thickness [mm]	1,0	1,0	1,0	1.0	1.5	1.5	1.5	2.0

PRESSING TOOLS

FRABOPRESS GAS fittings can be installed with the original system tools or using tools that have been checked and declared compatible by FRABO.

For a full list of compatible tools, please see the documentation available on the website: www.frabo.com.

CORROSION

Copper fitting and pipe corrosion mainly depends on internal surface quality. **FRABOPRESS GAS** system components are made of high resistance phosphor deoxidised copper.

FRABOPRESS GAS press fittings guarantee effective protection against deep corrosion thanks to the natural surface passivation phenomenon.

The designer and/or installer is responsible for choosing and applying the corrosion resistant protection and for evaluating the most effective protection methods in relation to the environment where the piping will be located.



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