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FRABOPRESS



SOLARPRESS



FRABOPRESS
INOX 316



FRABOPRESS
C-STEEL GAS



FRABOPRESS
C-STEEL



FRABOPRESS
MULTI-PLUS



FRABOPRESS
MULTI-BRASS






FRABOPRESS

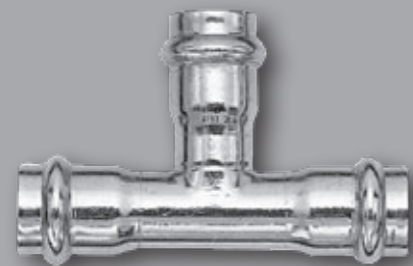
The only press fitting system in copper that allows the double use of GAS and WATER. Two different coloured marks (Yellow for GAS, Blue for WATER), both present on the fitting, distinguish and characterise this great innovation.

SOLARPRESS FRABO

Copper press fittings, ideal for solar panels, with special green high temperature resistant O-Ring, already pre-assembled.

The high performance FKM gasket is resistant to temperature peaks of up to 250°C.

SOLARPRESS can be recognised by the exclusive green marking .

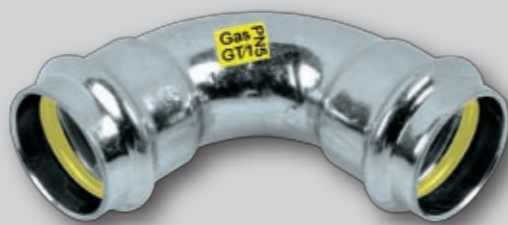


FRABOPRESS INOX 316 STAINLESS STEEL

The FRABOPRESS INOX 316 series is made up of pipes and fittings made of AISI 316 stainless steel. The characteristics of the AISI 316 stainless steel make the system pipe and fittings extremely resistant to the effects of corrosion. The system FRABOPRESS INOX 316 is ideal for building drinking water feeding and distribution systems and in the industrial and naval sectors. The EPDM O-Ring guarantees high performance. The mechanical performance of the fittings allows safe and reliable, long-lasting systems.

FRABOPRESS C-STEEL GAS

The FRABOPRESS C-STEEL GAS series allows an easy, quick and cheap plant engineering solution, for constructing GAS systems in accordance with the UNI/TS 11147:2008 regulation. The FRABOPRESS C-STEEL GAS fittings are made of unalloyed galvanized (carbon) steel and have yellow O-Rings specifically for applications with METHANE gas and LPG.



FRABOPRESS C-STEEL

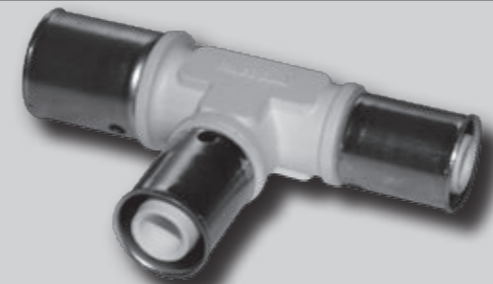
It is a system made up of pipes and press fittings in carbon steel to be used in a large range of applications, both in civil and industrial plant engineering. Good value, lightness, practicality and speed of use make FRABOPRESS C-STEEL the ideal product in installations of closed-circuit heating systems, closed-circuit water systems, distribution of inert gases and compressed air and distribution of combustible gas oil (with O-Ring in green FKM).

FRABOPRESS MULTI-PLUS

The MULTI-PLUS series fittings are made of a particularly strong technopolymer: Polysulfone (PSU).

The use of MULTI-PLUS fittings allows safe and cheap installation in all systems with a multiplex pipe.

Combined with the PEXc MULTI-PLUS pipe, they allow systems to be built that are totally rust proof.



FRABOPRESS MULTI-BRASS

The MULTI-BRASS series is made up of a complete range of high compatibility fittings, in nickel-plated brass, ideal for constructing systems with multiplex with maximum mechanical resistance. Thanks to the careful design and the thicknesses used, the nickel-plated brass MULTI-BRASS fittings easily withstand mechanical strain. The certainty of an excellent seal is ensured by the presence of a rubber holder with radial anti-extraction knurling on which 2 EPDM O-Rings are housed.

TECHNICAL FEATURES

	FRABOPRESS COPPER	FRABOPRESS COPPER BIG SIZE	FRABOPRESS INOX 316	FRABOPRESS INOX 316 BIG SIZE	FRABOPRESS C-STEEL	FRABOPRESS C-STEEL BIG SIZE	FRABOPRESS MULTI-PLUS (MP) MULTI-BRASS (MB)
Available sizes	12, 15, 18, 22, 28, 35, 42, 54	76.1, 88.9, 108	12, 15, 18, 22, 28, 35, 42, 54	76.1, 88.9, 108	15, 18, 22, 28, 35, 42, 54	76.1, 88.9, 108	16, 20, 26 (MP) 16, 20, 26, 32 (MB)
Fitting material	Copper CU-DHP Bronze for threaded couplings	Copper CU-DHP Bronze for threaded couplings	AISI 316 stainless steel	AISI 316 stainless steel	Galvanized carbon steel	Galvanized carbon steel	PSU - Ultrason (MP) Brass (MB)
Pipe material	ND	ND	Stainless steel 1.4401	Stainless steel 1.4401	Steel 1.0034	Steel 1.0034	PEXc / Al / PEX
O-Ring material	HNBR special	EPDM	EPDM	EPDM	EPDM / HNBR*	EPDM	EPDM (MP) EPDM and NBR (MB)
O-Ring color	Yellow	Black	Black	Black	Black / Yellow*	Black	Black
Pressing profile	"V"	"M"	"V"	"M"	"V"	"M"	"R", "U", "H" (MP) "TH", "U", "H" (MB)
MAX Temperature water	95°C	110°C	110°C	110°C	110°C	110°C	95°C
MAX Temp. with O-Ring Green FKM (optional)	200°C	ND	200°C	ND	200°C	ND	ND
MAX pressure water	16 bar	6 bar	16 bar	6 bar	16 bar	6 bar	10 bar
MAX Pressure Gas / Air**	5 bar	6 bar	6 bar	6 bar	6 bar / 5 bar*	6 bar	ND

* Only for C-STEEL GAS version

** According to the use possibilities (see details in the Technical Manuals)

APPLICATIONS

	Gas	Non-drinking water	Drinking water	Heating / Cooling	Compressed air	Solar systems	Naval constructions	Industrial systems (HT/conv vap)	Oils (oil, comb. oil)	Treated water (softened, demineralized)	Firefighting 1)
FRABOPRESS COPPER	✓	✓	✓	✓	✓	✓ ²⁾ With green O-Ring	✓	✓ With green O-Ring	✓ With green O-Ring	✓	✓
FRABOPRESS COPPER BIG SIZE	NO	✓	✓	✓	✓	NO	✓	NO	NO	✓	✓
FRABOPRESS INOX 316	NO	✓	✓	✓	✓	NO	✓	✓ With green O-Ring	✓ With green O-Ring	✓	✓
FRABOPRESS INOX 316 BIG SIZE	NO	✓	✓	✓	✓	NO	✓	NO	NO	✓	✓
FRABOPRESS C-STEEL	✓ ³⁾	✓	NO	✓	✓	NO	NO	✓ With green O-Ring	✓ With green O-Ring	✓	✓
FRABOPRESS MULTI-PLUS MULTI-BRASS	NO	✓	✓	✓	✓	NO	✓**	NO	NO	✓	NO

* Please see FRABO Technical Manuals for more details of the applications mentioned here
** Inside the accommodation structures of the ship

1) Check the working pressures of the system (as shown in the individual files)
2) SOLARPRESS series available (ø 18 and ø 22) with green O-Rings already assembled
3) Only for C-STEEL GAS version

NB : FOR PARTICULAR USES OR EXTREME WORKING CONDITIONS IT IS POSSIBLE TO CONSULT THE FRABO CONSULTANCY DEPARTMENT FOR THE APPROPRIATE TESTS.