

## DATA SHEET

### COPPER FITTINGS FOR REFRIGERATION

#### DESCRIPTION

The main purpose of this product is the connection between pipes to a threaded element or equipment.

#### APPLICATIONS

Basically designed for refrigeration. It can have other applications, like plumbing, heating, solar energy, natural gas and LPG installations, thermal installations, gasoil networks and petrol. However, please ask our technical department before giving a different application for which they have been designed.

#### STANDARDS

These fittings are manufactured according to ASME B16.22-2011.

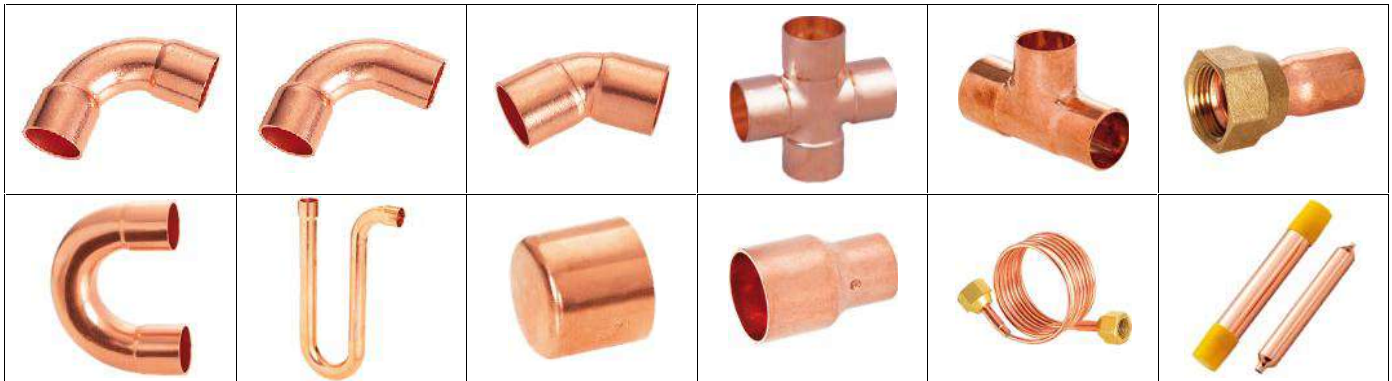
#### SECURITY COEFFICIENT

The security coefficient in relation to the maximum working pressure in  $S = 3$  (maximum pressure x 3). Please see in the following table:

		PRESION DE TRABAJO MAXIMA PARA ACC. COBRE (ASME/ANSI B16.22)				
		Material soldadura	Temperatura trabajo °C	1/4" - 1-1/8" Kg/cm <sup>2</sup>	1-3/8" - 2-1/8" Kg/cm <sup>2</sup>	2-5/8" - 4-1/8" Kg/cm <sup>2</sup>
No cumple la normativa ROHS por contener plomo	Aleación soldadura blanda. Temperatura de soldeo 280°C	Sn50 Alloy 50-50 Sn-Pb Solder	38	137,5	120,5	103
			88	103	88	68,5
			93	68,5	62	51,5
	Aleación soldadura blanda. Temperatura de soldeo 250°C	Sb5 Alloy 95-5 Sn-Sb Solder	38	754	588	448
			88	431,5	338,5	279
			93	350	273	228,5
Cumple con la normativa ROHS por no contener plomo	Aleación soldadura fuerte. Aleación en base plata (Ag.) (bajo contenido en plata 25-35%)	Alloy E	38	490,5	382,5	317,5
			88	327,5	255	211,5
			93	259,5	202,5	168
	Aleación soldadura fuerte. Aleación en base plata (Ag.) (Alto contenido en plata 45-85%)	Alloy HB	38	713,5	558	481,5
			88	49	382,5	317,5
			93	304,5	237,5	197
			121	297	231,5	192

## CONNECTIONS

Please see different sizes and types in our catalogue [www.hecapo.es](http://www.hecapo.es)



## ASSEMBLY INSTRUCTIONS

Make sure there is no leakage in any of the connecting parts of this accessory with the pipe and the connected element or equipment.

Check that all the connection is free of tensions, traction, twisting, flexion, compression or shear. In case of installations that can suffer vibrations, be sure to incorporate the elements so that these vibrations are not transmitted to the pipe or to this tap connector. If the installation can suffer contractions and expansions, please incorporate the elements so that these are compensated.

Choose the optimum accessory according to the size of the installation pipe and its flow rate.

Use the types of welding materials (if necessary) indicated by the standards required in each application.

The sealing systems must be conformed to the scope of application and following the rules or regulations for each territory.

In case of any doubt or special application, please contact our technical department.