DECLARATION OF CONFORMITY

Series 5000

1. Producer of product:

Manufacturer:

IBP Instalfittings Sp. z o.o.
ul. St. Zwierzchowskiego 29
61-249 Poznań
Poland

Manufacturer 2:

IBP Atcosa, S.L
Polígono Ind. Quintos Aeropuerto
Apartado de Correos nº 16,
14080 Córdoba
Spain

Assembly/Packaging:

IBP Instalfittings Sp. z o.o.
ul. Za Motelem 2A,
62-080 Tarnowo Podgórne/Sady
Poland

2. Description of product:

Series 5000 fittings are designed for connecting different diameter copper tubes in a wide variety of applications. Using the traditional soldering and brazing method, series 5000 fittings tolerate high temperatures making them perfect for projects which require the strongest joints.

3. Range of application:

5000 series are designed for:

- Drinking water
- Hot and cold water services
- Solar
- Natural and LPG gas
- Waste
- Refrigeration and air-conditioning
- Compressed air with and without oil content
- Vacuum
- Rainwater

4. Technical specification:

- Material: copper Cu-DHP (CW 024A) compliant with PN-EN 12449
- Manufactured in accordance with PN-EN 1254-1, PN-EN 1254-4, PN-EN 1254-5
- Intended for connecting tubes manufactured in accordance with PN-EN 1057+A1
- Threads made in accordance with PN-EN 10226-1 and PN-EN ISO 228-1
- Connecting – capillary soldering or brazing (Series 5000) or soldering/brazing and threaded connections (5000 G)

5. The declared technical features of product:

Type of connection	Typical example of solder/braze[1]		Working temperature (°C)	Maximum pressure for nominal diameters (bar)[1) 2)]			
				from 6mm to 34 mm (incl.)	over 34 mm to 54 mm (incl.)	over 54 mm to 108 mm (incl.)	over 108 mm to 159 mm (incl.)
Soldering	I	lead/tin 50/50% or 60/40%	30	16	16	10	-
			65	10	10	6	-
			110	6	6	4	-
	II	tin/silver 95/5%	30	25	25	16	-
	III	tin/copper, Cu max.3% min. 0.4% other Sn	65	25	16	16	-
			110	16	10	10	-
Brazing	IV	silver/copper without cadmium from 55% to 40% Ag	30	25	25	16	5
	V	silver with cadmium, 30 to 40% Ag	65	25	16	16	3
	VI	copper/phosphorous 94/6% or copper/phosphorous with 2% of silver 90/6/2%	110	16	10	10	2

1) In case of applications in the temperatures other than presented in the table it is recommended to obtain the manufacturer's approval
2) Intermediate pressures should be obtained by interpolation.
NOTE – In the systems of water intended for human consumption it is not allowed to apply alloys containing lead for soldering and alloys containing cadmium for brazing

6. Reference of accredited certification body or laboratory and the certificate number or the type-test report, if such entity was involved for assessing conformity of the product:

ANTSZ (NNGYK/07809-5/2025)

BSI (KM 07283)

Bureau Veritas (SMS.W.II./62847/E.2)

DVGW GW 6–(P) – Solder, transition and threaded fittings made of copper and copper alloys in gas and drinking water installations (DV-7411AO2008)

EMI (A-73-2019)

KIWA (K6112/11)

KIWA Gastec (53425/03)

PZH (B.BK.60110.1553.2023)

SZU (J-02199-21 & J-02201-21)

Veritest (UA-OC.0622-25)

SVGW (2303-7196)

I declare with full of responsibility, that the product is consistent with the declarations made within this document. For latest information on 5000 fittings please visit www.conexbanninger.com.

Phillip Brookes
Quality Manager

