

DECLARATION OF CONFORMITY

K65

1. Producer of product:

Manufacturer 1:

IBP Instalittings Sp. z o.o.
ul. St. Zwierzchowskiego 29
61-248 Poznań
Poland

Manufacturer 2:

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

Assembly/Packaging:

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

2. Description of product:

K65 brazed fittings produced from Wieland K65 tubes, enable installation of high pressure refrigeration applications up to 130 bar. The range is particularly suited for use with CO₂ (R-744) in transcritical applications as the K65 alloy provides a mechanical strength high enough to withstand the pressure ratings required.

3. Range of application:

K65 series are designed for:

- High pressure air-conditioning
- High pressure refrigeration

4. Technical specification:

- Material: EN CuFe2P CW107C, UNS C19400
- Compatible with tubes manufactured from copper iron alloy EN CuFe2P CW107C, UNS C19400 with the external dimensions and tolerances conforming to EN 12735-1 and ASTM B280
- Meets the requirements of the European Pressure Directive PED 2014/68/EU
- Meets Pressure equipment and heat Pumps - EN 14276-1 Annex B Specification and approval of brazing procedures and EN 14276-2, 8.9.4.1.2 Type burst proof test Pressure Test and 8.9.4.1.3 Type fatigue proof test and 8.9.4.2 Pressure test by category Y in standard.
- Available in the following sizes: 3/8", 1/2", 5/8", 3/4", 7/8", 1 1/8", 1 3/8", 1 5/8", 2 1/8", 2 5/8",
- Not suitable for use with Ammonia (R-717) or Acetylene.

5. The declared technical features of product:

Tubing for refrigeration systems for fluids group 1 and 2 according to the European Pressure Equipment Directive (PED 2014/68/EU).

Maximum operating pressure: 130 bar / 13000 kPa / 1885 psi at 150°C.

Maximum operating temperature: -196°C to +150°C.

6. As per the requirements of the European Pressure Equipment Directive 2014/68/EU, K65 fittings are checked according to the specifications of the VdTÜV material data sheet 567 and AD 2000-datasheet W 0:2016-05 General principles for materials. Furthermore, Conex Banninger production systems are certified according to the Pressure Equipment Directive by TÜV Süd.

7. 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:

K65 fittings are UL207 recognised and listed, refrigerant fitting report reference SA44668, approved use for field and factory installations.

K65 fittings are TÜV SÜD recognised and listed, report reference 479/2011/MUC, approved use for field and factory installations.

I declare with full of responsibility, that the product is consistent with the declarations made within this document. For latest information on K65 fittings please visit www.conexbanninger.com.

Phillip Brookes

Group Quality Manager

