

Declaration of conformity

2.1 as per EN 10204:2004

Product: **K65[®]** fittings
 Material: Wieland, **K65[®]** CuFe2P

We hereby certify that the fittings distributed by IBP Atcosa, S.L., catalogue series **K65[®]** fully meet the following requirements:

Produced from Wieland **K65[®]** tube according to: VdTÜV Material Data Sheet 567.

Produced according to AD 2000-Merkblatt W 6/2.

Fittings catalogue series **K65[®]**, mark ">B< K65" (in inches), meet the requirements of copper material CuFe2P (copper-iron-phosphorus alloy of 2, 3% of iron). The composition of this alloy is specified by EN 12449 "Copper and copper alloys – Seamless, round tubes for general purposes" and VdTÜV Material Data Sheet 567 as follows:

Material designation		Composition in % (m/m)						
Symbol	Number	Element	Cu	Fe	P	Pb	Zn	Others total
CuFe2P	CW107C	min.	Rem.	2,1	0,015	—	0,05	—
		max.	—	2,6	0,15	0,03	0,20	0,2

Wieland certificate collects results of chemical composition, mechanical essays, dimensional analysis, visual inspection and other additional essays on supplied tubes.

The production and distribution of these fittings are controlled by a Quality Management Systems to ISO EN 9001:2015, certificate number FM 27094, issued and periodically audited by British Standards Institution.

These fittings are suitable for maximum service pressure of 130 bar at temperature range from -196° C up to + 150° C. The joint (brazing operation) has to be done by a silver brazing material of min. 2 % Ag under professional processing during the brazing process.

Exceptionally the straight and reduced tees of 2 1/8" are made of CW617N-DW being suitable for the same service pressure and temperature. For the joint of the fittings it is recommended to use a silver brazing material of min. 30 % Ag under professional processing during the brazing process.

Manufacturer Mark: >B< K65, (dim.), 130 bar
 Ref. of the supervisor: N.R. / M.T. / M.C.

Controls for final approvals: dimensional analysis and visual inspection from representative samples taken according to ISO 2859-1 with positive results.



24th May 2019
 IBP Atcosa, S.L.