

Technical Document
PRESSURE EQUIPMENT DIRECTIVE
2014/68/EU

DECLARATION OF CONFORMITY

We hereby certify that the products stipulated below which may be used in assemblies subject to the Pressure Equipment Directive, complies with all the relevant provisions of the Pressure Equipment Directive and National Laws and Regulations adopting this Directive.

Description: ACR range of copper end feed series S9000 ACR Capillary Pipes to ASME / ANSI nominal diameter are suitable for use with pipe work with refrigerants such as R134A, R404A, R407C, R410A and CO2 in the following listed pressure conditions based on calculations in accordance with DK1 worksheet i 158 recommended means.

For Temperatures up to and including 135°C using R220 Coil Pipe		
Tube Nom O/D	Tube Nom I/D	Safe Working Pressure P @ 3 x SF Maximum (bar)
2,00	0,8	317
2,00	1,0	247
2,45	1,25	240
2,50	1,50	185
3,00	2,00	148

Where: (in accordance with DK1 worksheet i 158) and EN 378 @ 3 times MWP.
Design Stress for Copper at temperatures up to and including 135° C is 185 N/mm

Where a lower factor of safety is acceptable data may be obtained upon request from IBP Technical Departments. The usage, means of calculation and the tube values used therein will be in accordance with this document.

Manufacturer: IBP Atcosa,
Poligono Industrial Quintos-Aeropuerto,
Apdo. De Correos No. 16,
14005 Cordoba,
Spain.

Harmonised Standard Applied: None applicable.
Other Standard(s) Applied: EN 378:2000.
Notified body: Not applicable.



Anil Sharma
Group Quality Manager
Date: 30th June 2021

Fittings manufactured under Sound Engineering Practice cannot be CE marked, under the terms and conditions of the Directive.

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