Declaration of performance no.: 12735_0
In accordance with Regulation (EU) no. 305/2011 and delegated Regulation (EU) no. 574/2014

1. Unique identification code of the product type:
   Copper tube from Cu-DHP

2. Intended use/s
   as far as the media carried in the tube are suitable for copper tubes:

   - Connection lines in primary circuits of refrigeration systems and heat pumps
   - Connection lines in secondary circuits of refrigeration systems
   - Manifolds in refrigeration systems and heat pumps
   - Pressure and connection lines for industrial gases [1])
   - Vacuum lines [1])

   [1]) The assurance does not apply to the supply line to analytical measuring

3. Manufacturer:
   HME Copper Germany GmbH
   Carl-Benz-Str. 13
   D-58706 Menden

4. Authorized representative
   not assigned

5. System/s for assessing and verifying constancy of performance
   not applicable

6. Relevant standard:
   EN 12735-1 **(This standard is not harmonised according to the Construction Products Directive)**

7. Declared performance/s

Essential characteristics	Performance	Technical specification	Comment
Reaction to fire	Class A1	EN 12735-1 Commission Decision 96/603/EC supplemented by 2000/605/EC	According to Commission decision 96/603/EC class A1 materials do not require to be tested for reaction to fire
Crushing strength	NPD*	EN 12735-1	Derives from the wall thickness and mechanical properties
Max. internal pressure	NPD*	EN 12735-1 EN 14276-1 : 2020 AD2000-leaflet B0/B1	Results from the minimum wall thickness and the outer diameter in the strength condition “soft” (R200) in the temperature range from -150°C to +100°C
Dimensional tolerances	passed	EN 12735-1	All tubes meet the required dimensional tolerances
Resistance to high temperature	Suitable for use in the range -150°C to +150°C	EN 12735-1	At temperatures above 70°C the influence of oxidation (from outside) must be taken into account
Weldability	passed	EN 12735-1	Suitability for welding is a characteristic of the copper grade used and assured by control of material composition
Tightness: gas and liquid	passed	EN 12735-1	All tubes have undergone an eddy current test for freedom from defects. Straight lengths and rings/screws (pancake coils) are free of defects. For tubular coils (LWC) the defect locations are marked. Copper tubes are 100% diffusion-tight
CE-marking	NPD*	-	No CE marking

* NPD (no performance determined)

EN 12735-1: Annex ZB

Conformity to EU Pressure Equipment Directive 2014/68/EU

Essential properties	Comment
Material properties	Copper has a face-centred cubic structure and does not suffer from brittle fracture.
Conformity of material and certified documentation	Test certificates according to EN 10204 can be provided, if required.

8. Appropriate technical documentation and/or specific technical documentation:

   HME product sheet „Tubes TECTUBE_cips_med for refrigeration and medical gases“ (D / EN)

   The performance of the above product is in conformity with the declared performances. The manufacturer referred to above is solely responsible for drawing up the declaration of performance in accordance with Regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

sgd. Töppich
Mr Sven Töppich
Head of Total Quality Management (TQM)

19. September 2022

This declaration is no guarantee of properties in terms of product liability.
The safety information of the product documentation must be observed.