

DECLARATION OF CONFORMITY

Herewith Armacell confirms that the pre-insulated tubes Tubolit Split/DuoSplit meet the requirements according to:

EN 12735-1: in conformance with Pressure Equipment Directive 2014/68/EU

The pressure rating of the copper tubes according to BS 1306 is as follow:

Inch sizes	Nominal operating pressure	Metric sizes	Nominal operating pressure
1/4" x 0,7 mm	136 bar	6 x 0,8 mm	169 bar
1/4" x 0,8 mm	159 bar	6 x 1,0 mm	220 bar
1/4" x 1,0 mm	206 bar	10 x 0,8 mm	96 bar
3/8" x 0,7 mm	87 bar	10 x 1,0 mm	122 bar
3/8" x 0,8 mm	101 bar	12 x 0,8 mm	79 bar
3/8" x 1,0 mm	129 bar	12 x 1,0 mm	100 bar
1/2" x 0,7 mm	64 bar	16 x 1,0 mm	73 bar
1/2" x 0,8 mm	74 bar	18 x 1,0 mm	65 bar
1/2" x 1,0 mm	94 bar	22 x 1,00 mm	52 bar
5/8" x 0,8 mm	58 bar		
5/8" x 1 mm	74 bar		
3/4" x 1,0 mm	61 bar		
7/8" x 1,0 mm	52 bar		

Formula:

$$p=20xRm/(D - s)x4$$

- p- Nominal Pressure
- Rm – Tensile strength
- D – Outer Diameter
- S – Wall thickness
- 4 - Fourfold safety

The copper pipes are tested during production with eddy current according to EN 1971-2.

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