PAROC Hvac Section AluCoat T

PAROC Hvac Section AluCoat T is a pipe section for pipe insulation made of non-combustible PAROC® stone wool. The product is designed to provide thermal and condensation insulation for pipework. It is suitable for indoor and outdoor pipes and can withstand medium temperatures of up to 250 °C. For outdoor installations, to maintain the integrity of the AluCoat-facing, the product must be protected from weather conditions with an additional covering.

PAROC Hvac Section AluCoat T is tested according to EN13501-1, with fire class Euroclass A2-s1,d0. It is reinforced with AluCoat, a water vapour-resistant barrier that combined with correctly taped joints reduces condensation risk. PAROC Hvac Section AluCoat T is tested according to M1 and Indoor Air Comfort certification.

The length of this product is 1.2 m, making installation quicker by reducing the number of joints needed and minimising potential thermal bridges compared to 1.0 m insulation solutions. With a self-adhesive overlap and in combination with a PAROC Hvac AluCoat Tape/PAROC Hvac Alu Tape, this product is easy to install.

Product Data Sheet **2026-04-16**

Dimensions (mm)

Inner Diameter	Thickness	Length
15 - 914	20 - 150	1200

Package Type

Plastic packs on pallet

Other dimensions are available on request.

Product characteristics according to EN 14303

Designation Code	MW-EN 14303-T8/T9-ST(+)250-WS1-MV2-CL10
DoP Number	40091
Thickness Tolerance, T	T8 (OD < 150 mm) T9 (OD ≥ 150 mm)
Reaction to Fire, Euroclass	$A2_L$-s1,d0
Maximum Service Temperature - Dimensional Stability	250 °C
Water Absorption, Short Term, W_p	≤ 1 kg/m²
Water Vapour Diffusion Resistance	MV2
Trace Quantity of Water-soluble Chloride Ions	≤ 10 ppm
Thermal Conductivity, λ_D	See table below

°C	10	40	50	100	150	200	250
λ_D W/(m*K)	0.033	0.036	0.037	0.044	0.053	0.064	0.077

Fire Properties

Surface temperature of the facing must not exceed +80 °C (temperature restriction determined in accordance with heat resistance adhesive).

PAROC Stonewool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C while the fire protecting properties remain unchanged. Stone wool has a high melting point of over 1000°C (internal test method).

Environmental Properties

The European Certification Board for Mineral Wool products (EUCEB) trademark on our products confirms that PAROC Stonewool fibre fulfils the bio solubility requirements of EU directive No. 1272/2008. The German RAL quality mark confirms that the bio solubility and safety requirements are met according to the German technical regulation TRGS905.

PAROC Stonewool is made of stone. The volume of the product is ~98% air and only ~2% fiberized stone. The excellent properties of the product are based on the properties of the raw materials. PAROC Stonewool maintains its insulating ability and dimensions throughout the reference service life of the the building, which is considered to be minimum 50 years.

PAROC Stonewool is reusable and can be recycled into new stone wool products.

Certificates and Approvals

EC Certificate of Conformity 0809-CPR-1016

PAROC pipe sections can be used to satisfy the requirements as given in the tables for insulation thickness in BS5422:2023. PAROC can offer help and assistance to customers to confirm that the insulation systems proposed do in fact achieve the necessary performance criteria. PAROC pipe sections conform to BS3958-4.
MED Module B No. 74480/A2, 74479/A2
UK Module B No. 74465/A2, 74467/A2

Storage and Installation

PAROC products supplied in protective plastic film shall be stored in their original packaging and protected from exposure to external weather conditions.
Products supplied in cardboard boxes shall always be stored indoors to prevent moisture ingress and packaging damage.

Install in accordance with the manufacturer's instructions, ensuring that both the pipelines and insulation material are ≥ +10 °C and that the insulation is allowed to acclimatize to the ambient installation temperature