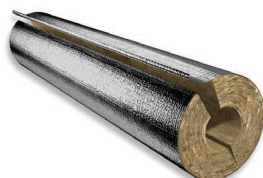


THERMO-TEK PS PRO ALU



September 2019

APPLICATION RANGE



DESCRIPTION

Thermo-teK PS Pro ALU is a circular wound, 1,200 mm long mineral wool pipe section slit on one side for easier installation.

The thermal conductivity at 40°C mean temperature is 0,035 W/(mK).

TECHNICAL DATA

Maximum service temperature	500 °C (EN 14707)
Service temperature lamination	≤ 80 °C
Reaction to fire	A2L-s1, d0 OD ≤ 300 mm A2-s1, d0 - OD > 300mm (EN 13501-1)
Density	ca. 100-120 kg/m³ (EN 13470)
Declaration of performance	http://dopki.com/T4305NP

Description	Sign	Description/data						Unit	Norm
Thermal conductivity depending on temperature	θ	10	50	100	150	200	250	°C	EN ISO 8497
	λ	0.033	0.037	0.044	0.052	0.062	0.073	W/(mK)	
AS-Quality	-	≤ 10						ppm	EN 13468
Water absorption	W _p	≤ 1						kg/m ²	EN 13472
Water vapour diffusion equivalent air layer thickness	s _d	≥ 200						m	EN 13469
Silicone free	-	No emissions by lacquering disturbing substances						-	-
Melting point of fibres	θ	≥ 1000						°C	DIN 4102-17
Specific heat capacity	c _p	1030						J/(kgK)	EN ISO 10456
Designation code		MW-EN14303-T8-ST(+)/S00-WS1-MV2-CL10 (OD < 150 mm)							EN 14303
		MW-EN14303-T9-ST(+)/S00-WS1-MV2-CL10 (OD ≥ 150 mm)							

Declared material properties are obtained in the production process and ensured by the factory production control in accordance with the European Standard at the time of manufacture. Observing storage and handling guidelines will maintain performance within published tolerances.

CERTIFICATE



THERMO-TEK PS PRO ALU



September 2019

ADDITIONAL INFORMATION

Application

Pipe lines, Fire protection in wall/ceiling penetration

The product is recommended for thermal, fire and sound insulation of the defined applications within technical insulation.

Handling

Knauf Insulation products are easy to handle and easy to install. They are supplied in suitable packaging materials to balance necessary transport protection with sustainable recycling options. Packaging is not designed for long-term storage or exposure to harsh weather conditions. Further product information is mentioned on every pack.

Storage

For longer term protection on site it is recommended to store the product indoors or alternatively under a roof and without direct contact to the ground (keep palletised).

Standard formats*

Thickness	20 mm - 120 mm
Internal diameter	15 - 324 mm
Length	1.200 mm

* Other dimensions on request.



Knauf Insulation mineral wool products with ECOSE® Technology benefit from a formaldehyde-free binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE® Technology contain no dye or artificial colours – the colour is completely natural.

ISO STANDARDS

Knauf Insulation products are produced according to four of the most important International Management Standards for sustainability ISO 9001 (Quality Management), ISO 14001 (Environmental Management), ISO 50001 (Energy Management) and OHSAS 18001 (Health and Safety Management), all certified by Tüv Nord.

Knauf Insulation d.o.o

Varaždinska 140
42220 Novi Marof
Croatia

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Commercial use of the processes and work presented in this document is not permitted. Extreme caution in assembling the information, texts and illustrations in this document. Nevertheless, errors cannot be entirely ruled out. The publisher and editors assume no legal responsibility or any liability whatsoever for incorrect information or any consequences thereof. The publisher and editors are grateful for any suggestions for improvement as well as the identification of any errors.