

r. **H**eat[®]A
Mineral wool
pipe section



Energy to live

ROHHE[®]

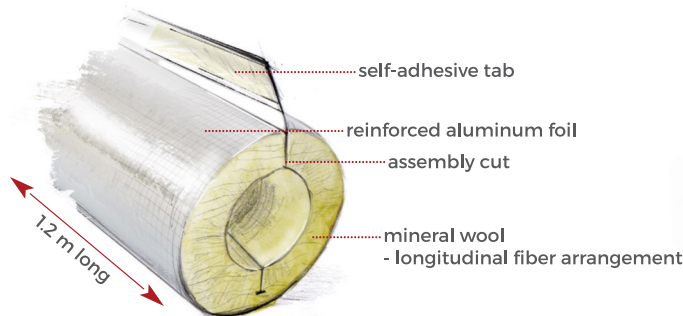
Product

r. Heat[®]A

is a pipe section made of mineral wool coated with reinforced aluminum foil. The mineral wool has a high temperature (up to 300°C) resistance and longitudinal fiber arrangement, giving the product both rigidity and optimal thermal insulation properties. r.Heat[®]A has a longitudinal assembly cut and a wide, self-adhesive closing tab.



Product structure



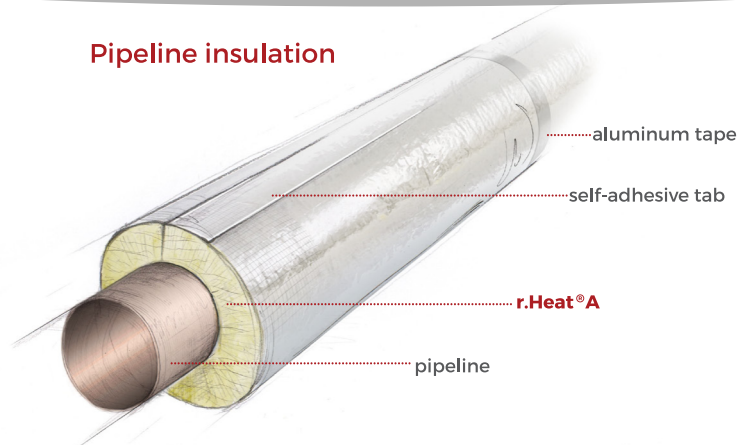
Application

r. Heat[®]A

is intended for thermal, fire, anti-condensation and acoustic insulation of piping systems. The product is used in heating, ventilation, sanitary and industrial installations.

The use of a reinforced cladding finished with a wide self-adhesive closing tab makes the assembly process both quick and secure. The insulated installation looks aesthetically pleasing. 20% longer r.Heat[®]A pipe section (1.2m) increases assembly efficiency, contributing to lower labor costs. Low chloride ion content (CL10) reduces the risk of corrosion of isolated components.

Pipeline insulation



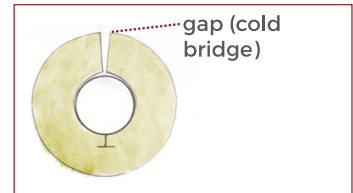
r. Heat[®]A

Advantages of the shape preservation system

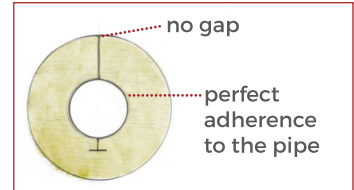
has a unique system of maintaining the round shape of its internal diameter. Due to the special technology used to shape the walls of the pipe section, the loss of material within the assembly gap does not affect the round shape of the internal diameter. Thanks to this property, the r. Heat[®]A pipe section installed on the pipeline is tightly closed at the point of cut and ideally adheres to the pipeline, which directly counteracts the occurrence of "cold bridges". This is crucially important for installations with diameters (DN) of more than 3 inches.

The system for shape retention

Typical pipe section



Pipe section with shape preservation system



Technical data

PARAMETER	VALUE	UNIT	SYMBOL	NORM
declared thermal conductivity (at 40°C)	0,037	W/m·K	λ_D	EN ISO 8497
reaction to fire class	Incombustible	-	A2 _L -s1,d0	EN 13501-1
maximum service temperature	300	°C	ST(+) ₃₀₀	EN 14707
water absorption (short-term)	≤ 1	kg/m ²	WS1	EN 13472
diffusion resistance of water vapor (for the cover)	$s_d \geq 200$	m	MV2	EN 13469
wall thickness tolerance (for Do < 150 mm)	-5% or -3mm/+5% or +3mm	% or mm	T8	EN 13467
wall thickness tolerance (for Do ≥ 150 mm)	-6% or -5mm/+6% or +5mm	% or mm	T9	EN 13467
internal diameter tolerance (for Do < 150 mm)	-0 / +4	mm	-	EN 13467
internal diameter tolerance (for Do ≥ 150 mm)	-0 / +2% or +5mm	% or mm	-	EN 13467
content of chloride ions	< 10	ppm	CL10	EN 13468
Product CE code for Do < 150mm	MW-EN 14303-T8-ST(+) ₃₀₀ -WS1-MV2-CL10			
Product CE code for Do ≥ 150mm	MW-EN 14303-T9-ST(+) ₃₀₀ -WS1-MV2-CL10			
Product Norm	EN 14303:2015			
PZH Hygienic Certificate	nr BK/K/0291/01/2018			
Declaration of Performance (DoP)	DoP-ha-2021 (www.rohhe.pl)			

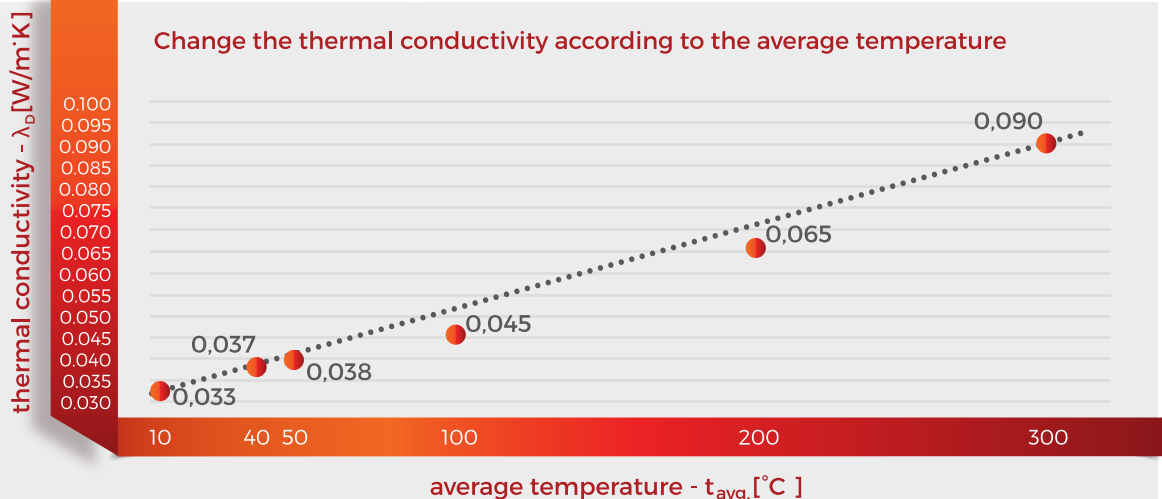


The value of declared thermal conductivity (λ_D) at selected mean temperatures

temperature [°C]

	10	40	50	100	200	300
λ_D [W/m·K]	0,033	0,037	0,038	0,045	0,065	0,090

Change the thermal conductivity according to the average temperature



Packaging method



All **r.Heat®A** pipe sections are packed in cardboard boxes. The smaller boxes are 0.4 x 0.4 x 1.2 m, while the larger ones are 0.6 x 0.4 x 1.2 m.

Each box features two special, perforated slit openings giving convenient access to its contents. Opening the slits does not affect the structure of the side walls of the box. To facilitate the transportation of individual packages, handles are cut out on the sides of each box. The box provides viable protection against both dirt and mechanical damage.

Cardboard boxes of **r.Heat®A** pipe sections are laid vertically on a wooden pallet (0.8 x 1.2 m) in two layers. Depending on the size of the product, the pallet holds 12 boxes (0.4x0.4 m) or 8 boxes (0.6x0.4 m). The pallet is protected by an auxiliary LDPE hood on top and additionally wrapped in stretch foil. This packaging method fully protects the product from damage during transportation and during warehouse moves. It also allows for the safe stacking of factory-secured pallets in two layers.

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ROHHE partner:

RUPERT MILLER
ul. RUCZAJ 4
62-002 SUCHY LAS
POLAND

Tel: 0048 515 444 058
WhatsApp: 00447763119995
E-mail: rupert@englishman.pl