DECLARATION OF PERFORMANCE

No. DoP-htn-2026 (EN)

r.Heat® N

Unique identification code of the product type: **r.Heat® N – pipe sections out of mineral wool**

Batch number allowing identification of the product: **see product label**

Intended use/uses: **ThIBEII - Thermal insulation for building equipment and industrial installations**

Manufacturer: **ROHHE® Sp. z o.o., 05-555 Tarczyn, Al. Krakowska 19A, rohhe.pl**

System of Assessment and Verification of Constancy of Performance: **System 3**

Harmonized standard: **EN 14303:2009+A1:2013**

Notified testing laboratory: **1434 - Polskie Centrum Badań i Certyfikacji - PCBC S.A.,**
1454 - Sieć Badawcza Łukasiewicz-IMBiGS (AB 008), 1488 - Instytut Techniki Budowlanej (AB 023),
1023 - Institut Pro Testovani a Certifikaci (601/2021), 2904 - Fire-Lab (AB 1777),
0432 - Materialprüfungsamt Nordrhein-Westfalen (D-PL-11142-01-01)

Declared performance: **Table 1 and Table 2**, for Do<150mm **MW-EN 14303-T8-ST(+)250–WS1-CL10**
for Do≥150mm **MW-EN 14303-T9-ST(+)250–WS1-CL10**

Table 1 - Harmonized technical specification acc. EN 14303:2009+A1:2013

Essential characteristic	Performance	Declared class/level	Value
Reaction to fire	Reaction to fire class	**$A1_L$**	Incombustible
Thermal resistance	Thermal conductivity	**see Table 2**	
Dimensions and tolerances	Thickness tolerance (Do<150 mm)	**T8**	-5% or -3mm/+5% or +3mm
	Thickness tolerance (Do≥150 mm)	**T9**	-6% or -5mm/+6% or +5mm
	Intern. diam. tolerance (Do<150 mm)	-	- 0 mm / + 4 mm
	Intern. diam. tolerance (Do≥150 mm)	-	- 0 / +2% ext. diam.
	Length tolerance	-	± 5 mm
	Constancy of thickness	-	difference < 6 mm lub 10 %
	Rectanguality	-	± 4mm or ± 2% ext. diam.
Service temperature	Maximum service temperature	**ST(+)250**	250 °C
Water vapour diffusion resistance	Short-term water absorption	**WS1**	≤ 1 kg/m²
Water permeability	Diffusion resistance of water vapour	**NPD**	
Compressive strength	Compressive stress or compressive strength	**NPD**	
Value of dangerous substances released	Trace amounts of soluble joins and pH- value	**CL10**	≤ 10 ppm (10 mg/1 kg)
Release of dangerous substances to environment	Release of dangerous substances	**NPD**	
Sound absorption coefficient	Sound absorption	**NPD**	
Continuous glowing combustion	Continuous glowing combustion	**NPD**	
Durability of thermal resistance against ageing/degradation	Durability of thermal resistance	**Not change with time**	
Durability of thermal resistance against high temperature	Durability of thermal resistance	**Not change with time**	
Durability of reaction to fire against ageing/degradation	Durability of reaction to fire	**Not change with time**	
Durability of reaction to fire against high temperature	Durability of reaction to fire	**Not change with time**	

NPD – No Performance Determined

Table 2 - Declared thermal conductivity - λ_D

$t_{avg.}$ [°C]	10	40	50	100	150
λ_D [W/m·K]	**0,034**	**0,038**	**0,039**	**0,048**	**0,060**

The performance of the product identified above is in conformity with the declared performance in Table 1 and Table 2.
This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

M. Mazanek

Małgorzata Mazanek
Quality Management Director

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