



TECHNICAL DATA SHEET

PROPERTY	TECHNICAL DATA	TEST METHOD	LAB / TEST REPORTS
Thermal conductivity (λ)	0°C - 0,040W/mk	EN 12667	self monitoring
	40°C - 0,045W/mk	EN ISO 8497	self monitoring
Permeability (μ) resistance to water vapor transmission	≥ 4000	EN 13469, EN 12086	
Operating temperatures (°C)	<i>Pipes:</i> -40°C to +150°C (+175 °C)		
Fire rating	E - s3, d0 for Pipes, System, Sheets, Rolls	EN 13823 EN ISO 11945-2	
Diameter tolerance min-max allowed tolerances of insulation above the external diameter of the pipe	<i>Pipes, System, Sheets, Rolls:</i> Ø6 - Ø54: +1mm to +2mm Ø60 - Ø88: +1mm to +3mm	PrEN 13467	
Thickness	<i>Pipes, System, Sheets, Rolls:</i> 9mm, 13mm: $\pm 1\%$ 19mm: $\pm 2\%$ 25mm, 30mm: $\pm 2,5\%$	PrEN 13467	
Weather resistance	Good		
Oil & grease resistance	Very good	ASTM D 471	
UV Resistance	Very good	ISO 4892-2	
Noise reduction	Up to 30dB	DIN 4109	
Dimensional stability	1,5 - 3%	prEN 14304, EN 1604	
PVC-ODP zero	Free		
CFC, HFC, HCFC	Free		
Odor	Neutral		

The written figures are these that have been measured in our laboratory, under typical conditions. They can be modified without prior notice. You are kindly requested to assert their validity before any special usage.