



Pipes

System

Sheets

Rolls

## TECHNICAL DATA SHEET

PROPERTY	TECHNICAL DATA	TEST METHOD	LAB / TEST REPORTS
Thermal conductivity ( $\lambda$ )	0°C - 0,040W/mk	EN 12667	self monitoring
	40°C - 0,045W/mk	EN ISO 8497	self monitoring
Permeability ( $\mu$ ) resistance to water vapor transmission	$\geq 4000$	EN 13469, EN 12086	
Density ( $\rho$ )	70 – 85 Kgr/m <sup>3</sup>	PrEN 13470 & EN 1602	self monitoring
Tensile strength (Pa)	> 0,15 Mpa	EN ISO 1798	self monitoring
Tensile strength (Pa) of UV Film	> 0,10 Mpa	ASTM D 882	self monitoring
Elongation at break	> 150%	EN ISO 1798	self monitoring
Elongation at break of UV Film	> 200%		self monitoring
Operating temperatures (°C)	<i>Pipes:</i> -40°C to +150°C (+175°C)		
Fire rating	E - s3, d0	EN 13823	
	for Pipes System, Sheets, Rolls	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 – Ø42: +1mm to +2mm	PrEN 13467	
Thickness	<i>Pipes, System, Sheets, Rolls:</i> 9mm, 13mm: $\pm 1\%$ 19mm: $\pm 2\%$ 25mm, 30mm: $\pm 2,5\%$	PrEN 13467	
	<i>UV Film:</i> < 0,15mm	DIN 53370	self monitoring
Weather resistance	Excellent	ASTM D 518	self monitoring
Oil & grease resistance	Very good	ASTM D 471	
UV Resistance	Excellent	ASTM D 518	self monitoring
Noise reduction	Up to 30dB	DIN 4109	
Dimensional stability	1,5 - 3%	prEN 14304, EN 1604	
Colour of UV Film	White		
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.