



Pipes Slit & Seal

## TECHNICAL DATA SHEET

PROPERTY	TECHNICAL DATA	TEST METHOD	LAB / TEST REPORTS
Thermal conductivity ( $\lambda$ )	0°C - 0,035W/mK	EN 12667	self monitoring
	20°C - 0,037W/mK		
	40°C - 0,040W/mK	EN ISO 8497	DEMOKRITOS
Permeability ( $\mu$ )	$\geq 7000$	EN 13469, EN 12086	self monitoring, RTU / BDA KEUR
Density ( $\rho$ )	60 – 75 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	
Elongation at break	> 150%	EN ISO 1798	self monitoring
Elongation at break of UV Film	> 200%		
Operating temperatures (°C)	<i>Pipes, Slit &amp; Seal:</i> -40°C to +105°C	ASTM D 882	
Fire rating	B2 or Euroclass E	DIN 4102-1 or EN 13501-1	Prüfinstitut Hoch
Diameter tolerance	<i>Pipes, Slit &amp; Seal:</i> Ø6 – Ø42: +1mm to +3mm	PrEN 13467	self monitoring
Thickness	<i>Pipes:</i> 6mm, 9mm, 13mm: $\pm 1\%$ 19mm: $\pm 2\%$ 25mm, 30mm: $\pm 2\%$	PrEN 13467	self monitoring
	<i>Slit &amp; Seal:</i> 19mm: $\pm 1,5\text{mm}$ 25mm: $\pm 2\text{mm}$	PrEN 13467	self monitoring
	<i>Overlap Slit &amp; Seal:</i> 120 $\mu\text{m}$ : $\pm 15$	DIN 53370	self monitoring
	<i>UV Film:</i> < 0,15mm	DIN 53370	self monitoring
Oil & Grease resistance	Very good	ASTM D 471	self monitoring
UV resistance	Excellent	ASTM D 518	self monitoring
Weather resistance	Excellent	ASTM D 518	self monitoring
Noise reduction	Up to 30dB	DIN 4109	
Dimensional stability	1,5 - 3%	PrEN 14304, EN 1604	self monitoring
Colour of UV Film	White		
CFC, HFC, HCFC	Free		
Odor	Neutral		
Adhesion for Slit & Seal	<i>Overlap:</i> 6 N/cm	NF EN 1464 ISO 4578 IOP 041	
	Self adhesive stripe 6 N/cm	FINAT NO 9 - IOP 043	
Static temperature resistance Slit & Seal	100°C continuous		

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.