



# TECHNICAL DATA SHEET

## PRODUCT INFORMATION

Produkt: Rani Vacuum Film, low density polyethylene film transparent

Type: 3-layer co-extrusion.  
Intended for use under silage sheet on silage clamp

Dimensions: Widths 10 - 18 m  
Thickness 0,04 mm  $\pm$  10%  
Length 50 or 100 m

## MECHANICAL PROPERTIES

### Typical values

Tensile Strength	MD	> 20 N/mm <sup>2</sup>	EN 527-3
	TD	> 20 N/mm <sup>2</sup>	
Elongation at Break	MD	> 250 %	EN 527-3
	TD	> 250 %	
Tear Strength	MD	> 9 N/cm	EN 527-3
	TD	> 9 N/cm	
Yield stress	MD	> 11 MPa	ISO 1184
	TD	> 11 MPa	
E-modulus	MD	> 150 MPa	ISO 1184
	TD	> 150 MPa	
Dart Drop		> 90 g/50	ASTM D-1709
Puncture resistance		> 30 N	ASTM D 5748
Oxygen permeability*		< 850 cm <sup>3</sup> /m <sup>2</sup> ·d·0,2 bar	DIN 53380 – 3, bei 23°C

MD = machine direction  
TD = transverse direction

### Additional Information

The vacuum film is intended for use under silage sheets on clamp, thus reducing oxygen transportation and air pockets. It can be used under any silofilm, and is not stabilized against UV-radiation.

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Product Development  
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