



# nano**ERGIS**<sup>®</sup> HAND STRETCH FILM

## TECHNICAL DATA SHEET

**General description:** The subject of the technical specification is polyethylene, nano-layered, transparent stretch film produced in CAST technology. LLDPE stretch film is designed to pack and secure collective products on the pallets as well as large overall dimensions units. Hand stretch film produced in nano-technology is characterized by: significant puncture force improvement, excellent optics, good cling performance, aesthetics, and bar code reading.

Technical Specification			
Physical	Unit	Value	Test based on
Thickness	[ $\mu\text{m}$ ]	$17 \pm 1 \mu\text{m}$	
Width	[mm]	$500 \pm 5 \text{ mm}$	
Weight netto	[kg]	$2,34 \pm 0,05 \text{ kg}$	
Ultimate stretch	[%]	>195	Ergis-Eurofilms
Puncture force	[kg]	>2,20	Ergis-Eurofilms
Retention force	[kg]	>1,10	Ergis-Eurofilms
Elongation at break* (MD)	[%]	>520	EN ISO 527
Tensile at break (MD)	[MPa]	>35	EN ISO 527
Tensile modulus (MD)	[MPa]	>110	EN ISO 527
Dart Drop	[g/ $\mu\text{m}$ ]	>4,5	ASTM D 1709

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