



# nanoERGIS<sup>®</sup> MACHINE 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.

Machine stretch film produced in nano-technology is characterized by: high elongation and puncture force, good cling performance.

Technical Specification SPPV			
Physical	Unit	Value	Test based on
Thickness	[ $\mu\text{m}$ ]	$15 \pm 1\mu\text{m}$	
Width	[mm]	$500 \pm 5\text{mm}$	
Guaranteed Stretch	[%]	300	
Ultimate stretch	[%]	>405	Ergis-Eurofilms
Puncture force	[kg]	>1,80	Ergis-Eurofilms
Retention force	[kg]	>1,05	Ergis-Eurofilms
Elongation at break* (MD)	[%]	>723	EN ISO 527
Tensile at break (MD)	[MPa]	>38	EN ISO 527
Tensile modulus (MD)	[MPa]	>126	EN ISO 527
Dart Drop	[g/ $\mu\text{m}$ ]	>40	ASTM D 1709

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\*Sample size: 25mm x100mm, machine speed 500m/min

