

SUPER POWER STRETCH FILM E81

Description:	transparent stretch film with one cling side
Technology:	cast coextrusion
Material:	Mono-material blend of linear low density polyethylene - with additives
Identification code:	4 LDPE (according to 129/97/EC)
Disposal:	in plastic separate collection, 100% recyclable
Application:	LLDPE stretch film of new generation; it has been specifically developed to be used on extremely high performance automatic wrapping machines. It is recommended for fastest ant top pre-stretch machines.

PHYSICAL-MECHANICAL PROPERTIES

Parameter	Unit	Value								Tolerance	Method	
Thickness	μm	12	15-16	17-19	20	23	25	30	35	± 2	PLT 01 (internal)	
Density	g/cm ³	0,92								± 0,003	calculated	
Width	mm	Nominal **								± 5	-	
Core internal diameter	mm	76								± 1	-	
Roll diameter	mm	Nominal **								± 5	-	
Roll weight	kg	Nominal **								± 5 %	-	
Tensile properties												
Tensile strenght at break	N/mm2	*MD	≥ 55	≥ 55	≥ 55	≥ 50	≥ 50	≥ 50	≥ 45	≥ 45	Minimum value	ISO 527-3 ASTM D882 Specimens type 2 20x50 mm Apparatus speed 500 mm/min
		TD	≥ 20	≥ 25	≥ 35	≥ 40	≥ 40	≥ 50	≥ 50	≥ 50		
Yield strenght	N/mm2	MD	≥ 8	≥ 8	≥ 8	≥ 8	≥ 8	≥ 8	≥ 8	≥ 8	Minimum value	
		TD	≥ 7	≥ 7	≥ 7	≥ 7	≥ 7	≥ 7	≥ 7	≥ 7		
Elongation at break	%	MD	≥ 310	≥ 380	≥ 420	≥ 460	≥ 480	≥ 460	≥ 530	≥ 540	Minimum value	
		TD	≥ 430	≥ 450	≥ 500	≥ 530	≥ 570	≥ 580	≥ 600	≥ 650		
Pre-stretch	%	200	220	240	280	300	300	300	300	200	PLT 18 (internal)	
Peel cling	cN	125								± 15%	ASTM D5458	

*MD machine direction / TD transversal direction

Plastotecnica SpA
Cap. Soc. € 10.000.000 i.v.
Reg. Impr. PD - C.F. e P.IVA 03771490285
R.E.A. 336085
Nr. Mecc. PD 052744

Sede centrale e legale
Viale dell'Industria, 5* Strada nr. 2/1*
35023 Bagnoli di Sopra (Pd) Italy
Tel. +39 049.957.9911
Fax +39 049.957.9902

Stabilimento di Bagnoli di Sopra
Viale dell'Artigianato, 1/3
35023 Bagnoli di Sopra (Pd) Italy
Tel. +39 049.957.9911
Fax +39 049.957.9902

Stabilimento di Pernumia
Via Brigata Tridantina, 5/7
35020 Pernumia (Pd) Italy
Tel. +39 0429.779.412
Fax +39 0429.779.602

** The nominal value is to be considered equal to the one specified during the order's definition.

The product is available also in the following versions:

Coloured*	✓	Extra cling	✓	Anti-UV	✓
Printed	✓	Antistatic	✓	Slippery	✓

* White film: density 0,96 g/cm3

STORAGE CONDITIONS

To prevent premature material deterioration, we advise to stock it in a dry place away from sunlight. The recommended temperature for long-term storage is -10÷40°C at a humidity of 40÷80%. The most suitable application temperature is between 15÷30°C.

In order to preserve the product characteristics and performances, it is advisable to use the material within six months from production date.

Important:

The information given here above is the result of our most updated knowledge and is based on average values collected during our productive processes. It is only offered to illustrate the main properties of the product and therefore should not constitute a guarantee of product suitability to your specific application..

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