



## Manual blown pre-stretched film

# PES M

- Coextruded stretch film,
- 3 layers blown process,
- Adhesion on the outside,
- Specially designed for any manual palletization,
- Folded and oscilate - wound edge.



ORIGINE  
**FRANCE**  
GARANTIE

BVCert. 6020108

### Description

The PES M makes manual palletizing easier due to the fact that little tension is required and especially as the rolls are light weight. Its flexibility makes it easy to use for everybody. Its transparency facilitates the identification of pallets in storage and its low noise unwinding makes it pleasant to use. This film shrinks after application in order to stabilize the pallet load without causing its deformation

### Size

Standard thickness: 7 and 8µm  
Standard length: 600m

### Packaging

In bulk: pallet 1000x1200mm of 213 rolls  
Box of 6 rolls: pallet 800x1200 which are 162 rolls.

### Standard colors

Opaque (for other colors please contact us)



Translucent (for other colors please contact us)



### Size properties

	SPECIFICATIONS	MÉTHODE D'ESSAI
Close width (7µm)	390 ± 10 mm	ISO 4592
Close width (8µm)	430 ± 10 mm	ISO 4592
Nominale thickness	7µm ± 8%	ISO 4591
Spot thickness	7µm ± 30%	ISO 4593
Nominale thickness	8µm ± 8%	ISO 4591
Spot thickness	8µm ± 30%	ISO 4593

### Mechanical properties

	SPECIFICATIONS		TEST METHOD
	7µm	8µm	
Tensile strength at yield (MPa) (Elastic limit) - machine direction - transverse direction	≥ 100 ≥ 18	≥ 100 ≥ 18	ISO 527-3 ASTM D882
Elongation at break (%) - machine direction - transverse direction	≥ 50 ≥ 650	≥ 70 ≥ 650	ISO 527-3 ASTM D882
Dart impact test (g)	≥ 50	≥ 60	ISO 7765 ASTM D1709
Tearing resistance (cN) - machine direction - transverse direction	≥ 120 ≥ 280	≥ 140 ≥ 300	ISO 6383/2 ASTM D1922
Coextrusion of polyethylene and ethylene copolymera			
Grade (g/10min)	1,0 ± 0,3	1,0 ± 0,3	ISO 1133
Density (g/10min)	0,920 ± 0,005	0,920 ± 0,005	ISO 1183