



Polyolefin shrinkfilms with 35% PCR content

The **MO4eco+35** from the mo-films POLYOLEFIN series offers excellent adaptability to **round or irregular shapes and contours** thanks to its **high shrinkage value**. Its particularly **low shrinkage stress** makes it ideal for sensitive and easily deformable products. In addition, the high post-consumer recycled content (PCR content) of 35% makes a **significant contribution to the circular economy** and to reducing the consumption of fossil raw materials.



Applications

Sales and transport packaging, product protection and food packaging



Characteristic

puncture resistance	_____	8/10
shrink rate	_____	10/10
shrinking strength	_____	4/10
transparency	_____	8/10
sliding properties	_____	3/10

Availability / Technical data

	Unit	Typical value					Test method	
Properties								
Thickness	µm	10	12,5	15	19	25	ASTM D-374(C)	
Density	g/cm ³	0,922						
Yield	m ² /kg	108,5	86,8	72,3	57,1	43,4		
Length								
Flat film	m	4.000	3.200	2.665	2.135	1.600		
Semi-tubular film	m	2.000	1.600	1.332	1.067	800		
Width								
Flat film	mm	On order (130–2.000 mm)						
Semi-tubular film	mm	On order (130–1.200 mm)						
Roller core diameter	mm	76 mm						
Mechanical properties								
Tear resistance	N/mm ²	105/105	100/100	100/100	100/100	90/90	ASTM D-882	
Tear elongation	%	100/95	105/105	115/115	120/120	130/130	ASTM D-882	
Tear resistance	g/cm ³	9,8	11,4	14,6	18,6	24,1	ASTM D-1922	
Saling seam strength	180°CN/15 mm	13,8	15,2	16,9	21,3	26,3	ASTM F-88	
Free shrinkage (120–140°)	%	75/74	72/72	71/71	71/70	69/69	ASTM D-2732	
Water vapor permeability	g/m ² /24h	44,9	37,5	28,5	24,5	21,3	ASTM F-1249-90	
Friction coefficient	Foil on foil	0,15	0,15	0,16	0,15	0,14	ASTM D-1894	
Optical properties								
Turbidity	%	1,3	1,4	1,6	2,1	2,6	ASTM D-1003	
Gloss	Gloss units	130	135	140	142	140	ASTM D-2457	

Certificates

DEKRA: food safety/hazardous substance analyses

Bureau Veritas: Global Recycled Standard 4.0/conformity of production and traceability of plastics with recycled content

interzero: Made for Recycling/Assessment of the recyclability of plastics

Printing

Up to 8 colours (flexography)

Perforation

Available pre-perforated (partially or fully perforated) or unperforated

Shipping method

Winded on papercores (inner diameter 76 mm), packed in cardboard boxes.



Do you have any questions about products or delivery times, or would you simply like **detailed advice?**

We will gladly assist you in finding the ideal film.

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