

mo7



The mo-films Polyolefin® Type MO7 is a premium shrinkfilm based on Polyethylene, equipped with a high quality Polypropylene sealing layer. The extremely high gloss and the crystal clear surface, make the mo-films Polyolefin® shrinkfilms a perfect promoter of your products, on the Point of Sale.

The Type MO7 anti-slip shrinkfilm combined with a very high shrinking strength and a high shrink rate. Additional high puncture resistance enable a wide range of different applications. The MO7 is able to run perfectly on high-speed packaging machines. Film is only available as single wounded film.

mofilms®
POLYOLEFIN

MO7

puncture resistance	—————	7/10
shrink rate	—————	7/10
shrinking strength	—————	8/10
transparency	—————	9/10
sliding properties	·	1/10

YOUR CONTACT

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	Unit	Typical Value					Testmethode
CHARACTERISTICS							
STRENGTH	µm	10	12,5	15	19	25	ASTM D-374(C)
DENSITY	g/cm ³	0,920	0,920	0,920	0,920	0,920	
YIELD	m ² /kg	108,7	86,9	72,5	57,2	43,5	
LENGTH							
SINGLE WOUNDED	m	4.000	3.200	2.665	2.134	1.600	
WIDTH							
SINGLE WOUNDED	mm	As required (150-2.000 mm)					
CORE							
CORE DIAMETER	mm	76 mm					
FILM PROPERTIES							
TENSILE STRENGTH	N/mm ²	120/120	105/105	105/105	110/110	110/110	ASTM D-882
ELONGATION	%	95/95	100/100	110/110	110/110	120/120	ASTM D-882
SEAL STRENGTH	180°CN/15 mm	13.4	20.5	21.5	22.8	27.5	ASTM F-88
FREE SHRINK (120°)	%	61/62	60/62	59/62	59/62	58/60	ASTM D-2732
COEFFICIENT OF FRICTION	film/film	0.35	0.35	0.35	0.35	0.25	ASTM D-1894
OPTICAL							
HAZE	%	1,2	1,2	1,4	1,9	2,4	ASTM D-1003
GLOSS	gloss units	140	140	143	148	148	ASTM D-2457

FOOD LAW APPROVAL

The Polyolefin Shrinkfilm MO7 does meet the guidelines of the American FDA standards, as well as the European regulations (EG)1935/2004 and (EU)10/2011, it is therefore suitable for direct contact with food.

STORAGE CONDITIONS

For long time storage (more than 6 months), we suggest the following storage conditions:

- Storage Temperature from +15 to +25 °C.
- Room humidity from 50 to 70% relative humidity
- Goods, also if they are in origin packing, should not be exposed by any sun and UV-rays.
- Individual roles should be stored at least for 24 hours before use in the particular climatic conditions, in the production or processing area. In the cold season, at least 48 hours in advance.
- Do not store near heaters.
- Goods must be absolutely and at all times be protected from frost.