



# Sytec<sup>®</sup> MVP

## POLYOLEFIN SHRINK FILM

*Sytec MVP<sup>®</sup> is a shrink film with low shrink force and versatile performance.*

Sytec MVP<sup>®</sup> film is an innovative shrink film for a wide range of packaging applications.

This crosslinked film is especially suitable for low shrink applications and where low shrinkage temperatures and high shrinkage speeds are required. Quickly formed, strong seals make the film an excellent choice for a variety of packaging machines.

#### SPECIAL FEATURES

- user-friendly
- conforms to any product shape

#### SHRINK & SEAL PROPERTIES

- quick shrinkage at low temperature
- outstanding sealability
- low shrink force

#### FOOD CONTACT

Sytec MVP<sup>®</sup> film complies with the requirements & regulations which state that materials may be safely used in food contact and non-food applications. These specifications are described in the code of Federal Regulations of the U.S. Food and Drug Administration Title 21 para. 177.1520 and in the EC Commission Directive No 95/125/EEC.

#### SAFETY & ENVIRONMENT

Syfan Sytec shrink films contain no CFC's nor any residues of the heavy metals Sb, Cr, As, Pb, Ba, Cd, Ag, Se.

The gas generated during sealing of Sytec shrink films is comprised of hydrocarbon derivatives of the pure raw material and contains no harmful substances, irritants, or chlorine derivatives.

Syfan<sup>®</sup> is a registered trademark of Syfan-Saad, Israel.

Syfan-Saad has been ISO-9001-2000 certified.

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# Sytec<sup>®</sup> MVP

Property	Unit	Method	Values
density	gr/cm <sup>3</sup>	ASTM D-1505	0.918
haze	%	ASTM D-1003	5
gloss 45°	%	ASTM D-2457	87
tensile strength	N/mm <sup>2</sup>	ASTM D- 882	MD 70/TD 80
elongation	%	ASTM D- 882	MD 115/TD 105
shrinkage at 120°C, oil bath - 5 sec.	%	Syfan method	MD 74/TD 72
tearing resistance	gr/25 mic.	elmendorf	MD 60/TD 35
coefficient of friction	-	film/film	< 0.25
MVTR (15 mic)	gr/m <sup>2</sup> /24hr/@90%RH37°C	ASTM E-96	23
O <sub>2</sub>	cc/m <sup>2</sup> /24hr/1atm @25°C	ASTM D-3985-81	7600
CO <sub>2</sub>	cc/m <sup>2</sup> /24hr/1atm @ 25°C	gas chromatograph	31200

nominal thickness/microns		11.2	15	19	25
yield	m <sup>2</sup> /kg	95	73	57	43.5
reel length	SW/m	3560	2650	2134	1600
	CF/m	1780	1325	1067	800

Sytec MVP<sup>®</sup> should be stored in a cool, dry environment. Maximum storage temperature: 25°C/77°F. The above table is based on test data believed to be reliable. Since it is not possible to anticipate the different and varying conditions under which Syfan films may be used, purchasers are advised to carry out their own tests to determine the suitability of Syfan products for their specific purposes. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale including those limiting warranties and remedies which apply to all goods supplied by us. This information may be subject to revision as new knowledge and experience becomes available. No statement, recommendation or suggestion is intended for any use which would violate or infringe statutory obligations or any rights belonging to a third party.

