

# sytec<sup>®</sup> MAX

**SYTEC MAX** is an especially versatile cross-linked shrink film with outstanding performance on a wide range of packaging machines. Low seal and shrink temperatures along with perfect shrinkage results and low coefficient of friction offer great potential for all applications.

## SPECIAL FEATURES

- Excellent clarity and gloss
- Easy to use
- Excellent hot slip properties

## SHRINK & SEAL PROPERTIES

- Very strong seals
- Quick shrinkage
- High shrink force
- Outstanding stability

PROPERTY	UNIT	METHOD	NOMINAL VALUES
density	g/cm <sup>3</sup>	ASTM D-1505	0.920
haze	%	ASTM D-1003	4.0
gloss 45°	%	ASTM D-2459	87
tensile strength	N/mm <sup>2</sup>	ASTM D-882	MD 110 TD 130
elongation	%	ASTM D-882	MD 150 TD 150
shrinkage at 120°C oil bath - 5 sec	%	Syfan method	MD 70 TD 70
tearing resistance	g/25 μ	elmendorf	MD 30 TD 30
coefficient of friction		film/film	<0.20
MVTR (15 mic)	g/m <sup>2</sup> /24hr@90%RH37°C	ASTM E-96	23
OTR (15 mic)	cc/m <sup>2</sup> /24hr/1atm@25°C	ASTM D3985-05(2010)e1	12000

### Syfan Saad Co. (99) Ltd.

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gauge		45	52	60	75	100
yield	in <sup>2</sup> /lb	66650	58800	51000	40100	30400
reel length	ft (flat)	11660	10170	8750	7000	5240
	ft (c/f)	5830	5085	4375	3500	2620
nominal thickness / microns		11.25	13	15	19	25
yield	m <sup>2</sup> /kg	97	83	72	57	43
reel length	SW/m	3560	3100	2650	2134	1600
	CF/m	1780	1550	1325	1067	800

## FOOD CONTACT

SYFAN SHRINK FILMS comply with the requirements and regulations which state that materials may be used in food contact applications, as described in the code of Federal Regulations of the U.S. Food and Drug Administration Title 21 para. 177.1520 and in the European Regulations 2015/174, 10/2011, 1935, 2004; directive 2002/72/EC and amendments 2004/1/EC, 3004/19/EC, 2005/79, EC, and DD ENV 1186.



SYFAN -SAAD  
has been  
ISO-certified since  
June 1994.



## SAFETY & ENVIRONMENT

SYFAN SHRINK FILMS contain no CFC's nor any residues of heavy metals. The gas generated during sealing of SYFAN shrink films is comprised of hydrocarbon derivatives of the pure raw material and contains no harmful substances, irritants, or chlorine derivatives.

SYFAN SHRINK FILMS should be stored in a cool, dry environment away from direct sunlight. 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.

**SYFAN® and SYTEC® are registered trade marks of SYFAN SAAD Israel.**

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