

# sytec® 701

**SYTEC 701** is a cross-linked polyolefin shrink film for a wide range of packaging applications. Strong, durable seals and excellent shrinkage make this a popular choice for a wide variety of products and machines. This film exhibits outstanding abuse resistance and is easy to use.

## SPECIAL FEATURES

- Excellent optical properties
- Very high burnout resistance
- Excellent hot-slip

## SHRINK & SEAL PROPERTIES

- High shrink force
- Extremely strong seals
- No deposits on shrink wires
- No “dog ears”
- Wide range of shrink temperature

PROPERTY	UNIT	METHOD	NOMINAL VALUES
density	g/cm <sup>3</sup>	ASTM D-1505	0.922
haze	%	ASTM D-1003	3.8
gloss 45°	%	ASTM D-2459	89
tensile strength	N/mm <sup>2</sup>	ASTM D-882	MD 105 TD 115
elongation	%	ASTM D-882	MD 140 TD 140
shrinkage at 120°C oil bath - 5 sec	%	Syfan method	MD 71 TD 70
tearing resistance	g/25 μ	elmendorf	MD 45 TD 30
coefficient of friction		film/film	<0.25
MVTR (15mic)	g/m <sup>2</sup> /24hr@90%RH37°C	E-96	1.6
O <sub>2</sub>	cc /m <sup>2</sup> /24hr/1 atm @ 25° C	D-3985-81	490
CO <sub>2</sub>	cc /m <sup>2</sup> /24hr/ 1 atm @ 25° C	Gas Chromatograph	2015

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

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gauge		60	75	100
yield	in <sup>2</sup> /lb	51000	40100	30400
reel length	ft (flat)	8750	7000	5240
	ft (c/f)	4375	3500	2620
nominal thickness / microns		15	19	25
yield	m <sup>2</sup> /kg	72	57	43
reel length	SW/m	2650	2134	1600
	CF/m	1325	1067	800

## FOOD CONTACT

SYFAN SHRINK FILMS comply with the requirements and regulations which state that materials may be safely 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 Commission Directive No. 2011/10/EU – U – L 34, 9.2.11, EU 1935/2004, and EC 90/128/EEC Official Journal of European Communities, No. L75/19.



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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