

sytec® 307X

Sytec 307X FILM is recommended for packaging applications where good optics and low temperatures are required. Strong seals and an excellent shrink appearance are obtained with medium and high speed packaging systems.

SPECIAL FEATURES

- Superior clarity and gloss
- Good stiffness & stability
- Balanced MD/TD properties

SHRINK & SEAL PROPERTIES

- Strong seals
- No deposits on sealing wires
- Sealing and shrinking at low temperatures

PROPERTY	UNIT	METHOD	NOMINAL VALUES	
density	g/cm ³	ASTM D-1505	0.920	
haze	%	ASTM D-1003	3.1	
gloss 45°	%	ASTM D-2459	89	
tensile strength	N/mm ²	ASTM D-882	MD 115	TD 115
elongation	%	ASTM D-882	MD 100	TD 110
shrinkage at 120°C oil bath - 5 sec	%	Syfan method	MD 70	TD 68
tearing resistance	g/25 μ	elmendorf	MD 28	TD 25
coefficient of friction		film/film	<0.20	
MVTR (75G)	g / 100 in ² /24hr @ 90% /RH 99° F	E-96	2.2	
O ₂	cc / 100 in ² /24hr 1 atm @ 77° F	D-3985-81	503	
CO ₂	cc / 100 in ² /24hr 1 atm @ 77° F	Gas Chromatograph	1858	

Syfan Saad Co. (99) Ltd.

Kibbutz Saad • DN Hanegev 85140 ISRAEL
Tel +972 8 6800430/425 | www.syfan.co.il
Fax + 972 8 6800123

gauge		45	60	75	100
yield	in ² /lb	67555	51060	41100	31200
reel length	ft (flat)	11660	8750	7000	5240
	ft (c/f)	5830	4375	3500	2620
nominal thickness / microns		11.2	15	19	25
yield	m ² /kg	95	72	57	44
reel length	SW/m	3560	2650	2134	1600
	CF/m	1780	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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