

sytec® 307S

SYTEC 307S is recommended for packaging applications where maximum optics and durable wrapping are required. Strong seals and an excellent shrink appearance are obtained with medium and high speed packaging systems. This film excels with static seal systems.

SPECIAL FEATURES

- Superior transparency and gloss
- High burnout resistance
- Good film stability
- Balanced MD/TD properties

SHRINK & SEAL PROPERTIES

- Strong seals
- No deposits on shrink wires
- Balanced shrinkage MD/TD
- Wide range of shrink temperature

PROPERTY	UNIT	METHOD	NOMINAL VALUES
density	g/cm ³	ASTM D-1505	0.91
haze	%	ASTM D-1003	2.4
gloss 45°	%	ASTM D-2459	87
tensile strength	N/mm ²	ASTM D-882	MD 105 TD 120
elongation	%	ASTM D-882	MD 95 TD 90
shrinkage at 120°C oil bath - 5 sec	%	Syfan method	MD 60 TD 63
tearing resistance	g/25 μ	elmendorf	MD 25 TD 20
coefficient of friction		film/film	0.2
MVTR (15 mic)	g/m ² /24hr@90%RH37°C	ASTM E-96	23
OTR (15 mic)	cc/m ² /24hr/1atm@25°C	ASTM D3985-05(2010)e1	11000

gauge		50	60	75	100
yield	in ² /lb	62500	52100	41100	31200
reel length	ft (flat)	10500	8750	7000	5240
	ft (c/f)	5250	4375	3500	2620
nominal thickness / microns		12.5	15	19	25
yield	m ² /kg	87.5	73	58	44
reel length	SW/m	3200	2650	2134	1600
	CF/m	1600	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.