

Sytec® Duroflex

SYTEC® Duroflex is a heavy-duty, cross-linked shrink film developed especially for packaging of heavy and bulky items such as furniture, carpets, and DIY items. The composition of the special raw materials and the proprietary production process enables outstanding shrinkage performance on a wide range of machines.

SYTEC® Duroflex can replace cartons and corrugated cardboard as a quick, one-step packaging method that allows clear view of the product or kit at sales point. It reduces volume and weight of packaged goods, decreasing the cost of transport and warehousing.

SPECIAL FEATURES

- Very good clarity and gloss for attractive shelf presentation
- Firm and stable stacking of products on pallets
- Abuse resistant
- Excellent package stability

This improved film exhibits typical properties shown in the table:

PROPERTY	UNIT	METHOD	VALUES
Density	gr./cm ³	ASTM D-1505	0.921
Haze	%	ASTM D-1003	4
Gloss 45°	%	ASTM D-2459	87
Tensile Strength	N/mm ²	ASTM D- 882	MD 115 TD 115
Elongation	%	ASTM D- 882	MD 150 TD 140
Shrinkage @ 120°C, oil bath, 5 sec.	%	Syfan Method	MD 74 TD 74
Tearing Resistance	gr./25μ	Elmendorf	MD 35 TD 35
Coefficient of Friction		ASTM D-1894	0.35
MVTR (15mic)	g/m ² /24hr @90%RH 37°C	ASTM E-96	23
OTR (15mic)	cc/m ² /24hr 1atm@ 25°C	ASTM D-3985	7600
CO ₂	cc/m ² /24hr 1atm@ 25°C	Gas Chromatograph	31200

nominal thickness / microns		19	25	38
yield	m2/kg	57	43	29
reel length	SW/m	2134	1600	1067
	CF/m	1067	800	533
gauge		75	100	150
yield	in2/lb	40200	30500	20100
Reel length	ft (flat)	7000	5240	3500
	Ft (CF)	3500	2620	1750

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 and the directives of the EC. Specific declaration and certificates are available on request.

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 -SAAD
has been
ISO-certified since
June 1994



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.

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