

sytec® 701D

The need to supply sustainable, cost-efficient and abuse-resistant packaging to our customers has motivated Syfan to develop Sytec® 701D. This heavy duty shrink film offers both the manufacturer and end user clear advantages:

THE COST ADVANTAGE:

- More cost effective than corrugated cartons.
- One-step package that requires very few packaging aids (tapes, inner bags, bands, etc.)
- Reduces volume and weight of packaged goods, decreasing the cost of transport and warehousing.

THE OPERATIONAL ADVANTAGE:

- Lends itself easily to automation of the packaging process.
- Minimizes stocking space of packaging material and of packaged goods.
 - Simplifies stock of packaging materials – one size for many items = less items in stock.

THE SHELF ADVANTAGE:

- Allows clear view of the product at sale point.
 - Allows the customer to make sure the purchased kit is complete.
 - Result: fewer returns, fewer disappointed customers!

Syfan's 701D is the choice of  for packaging of some of their most popular product lines in Europe and the United States.



PROPERTY	METHOD	UNITS	125 G	150 G	200 G	300 G
Haze	ASTM D-1003	[%]	3.6	3.8	4.2	5
Gloss 45°	ASTM D-2459	[%]	88	88	87	87
COF	ASTM D-1894		<0.2	<0.2	<0.2	<0.2
Shrinkage	120°C, oil bath 5 sec.	[%]	MD 76 TD 75	MD 76 TD 75	MD 72 TD 72	MD 69 TD 71
Tear Resistance MD/TD	Elmendorf	gr/25μ	MD 35 TD 30	MD 45 TD 35	MD 45 TD 40	MD 50 TD 45
Ultimate Tensile Stress MD/TD	ASTM D-882	N/mm ²	MD 100 TD 100	MD 105 TD 100	MD 100 TD 100	MD 95 TD 95
Elongation MD/TD	ASTM D-882	[%]	MD 160 TD 140	MD 170 TD 150	MD 180 TD 160	MD 200 TD 170
MVTR	ASTM E-96	gr/m ² /24hr@ 90%RH 37°C	10.5	9	7	4.5
OTR	ASTM E-3985	cc/m ² /24hr 1atm@25°C	3600	3000	1700	1500
CO ₂	Gas Chromatograph	cc/m ² /24hr 1atm@25°C	14600	12300	9300	6100

A revolution in flat packaging!



GAUGE		125	150	200	300
yield	in ² /lb	25700	20200	15500	10100
reel length	SW/ft	4200	3500	2620	1750
	CF/ft	2100	1750	1310	875

SAFETY & ENVIRONMENT

SYFAN SYTEC SHRINK FILMS contain no CFC's nor any residues of the heavy metals Sb, Cr, As, Pb, Ba, Cd, Ag, Se. The gas generated during sealing of SYTEC SHRINK FILM is comprised of hydrocarbon derivatives of the pure raw material and contains no harmful substances, irritants, or chlorine derivatives.



SYFAN -SAAD has been ISO-9001:2008 certified since June 1994.



FOOD CONTACT

Sytec® 701D complies with the requirements & regulations which state that materials may be safely used in food contact and non-food applications. These specifications are described in the FDA code Title 21 para. 177.1520 and in the EC Commission Directive No. 90/128/EEC.

Sytec® 701D 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.



DARTRONICS, INC.

PACKAGING AUTOMATION SPECIALISTS



150 WILLIAM ST. PERTH AMBOY, NJ 08861 / TOLL FREE: 800-298-8936 / PHONE: 732-324-0800 / FAX: 732-324-4488

WWW.DARTRONICS.COM

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