

PRODUCT DATA SHEET



POLYOLEFIN SHRINK FILM



ANTISTATIC
SHRINK FILM

SYTEC SP is a transparent antistatic shrink film with superior static control capabilities. Provides an environmentally friendly packaging concept for in-process bundling and ESD overwrap for electronic components, computer parts, and more.

SPECIAL FEATURES

- Longterm antistatic protection
- Amine-free
- Stable surface resistivity for up to 2 years

Recyclable &
Amine free

SHRINK & SEAL PROPERTIES

- Easy to seal on standard machinery
- Quick shrinkage in heated tunnel

PROPERTY	METHOD	VALUES	STANDARD LIMITS
Surface Resistivity Before shrinkage After shrinkage	ASTM D-257 Mil-B-81705C EIA 541	$1 \times 10^{11} \Omega/\square$ $2 \times 10^{11} \Omega/\square$	$< 10^{12} \Omega/\square$
Static Decay Rate Before shrinkage After shrinkage	FTMS 101C Method 4046.1	0.2 seconds 0.4 seconds	$< 2 \text{ sec}$
Triboelectric charge Generation	EIA 541	$< 0.2 \text{ NCB}/\square$	
Density	ASTM D-1505	$0.92 \text{ gr}/\text{cm}^3$	
Shrinkage	ANSI/ASTM D-2732	MD 50% TD 60 %	

Nominal thickness/ gauge		100
Yield	in ² /lb	31200
reel length	ft (flat)	5240
	ft (c/f)	2620
Nominal thickness / microns		25
yield	m ² /kg	44
reel length	SW/m	1600
	CF/m	800

FOOD CONTACT

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SP6 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.

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-9001:2000 certified since June 1994.



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SP6 should be stored in a cool, dry environment away from direct sunlight.
Maximum storage temperature: 25^oC / 77^oF.

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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