

TYPICAL PROPERTIES OF 42UL POLYESTER SHRINK SLEEVE FILMS

42UL is a heat-shrinkable polyester film with UV blocking properties. It has excellent uniform and stable shrinking behaviors. Suitable for hot air and steam tunnel shrinking processes.

42UL Light Blocking

Description:

42UL-0180 is a *high shrink/low stress* polyester made with anti-UV additive content for light-blocking film that offers excellent optical properties for printing labels as well as conforming for a seamless finish.

Characteristics of PET Shrink Film:

- * Excellent printability
- * High gloss and low haze
- * Smooth shrinking curve with stable shrinkage
- * Suitable for wide variety of shapes

General Information

Applications:

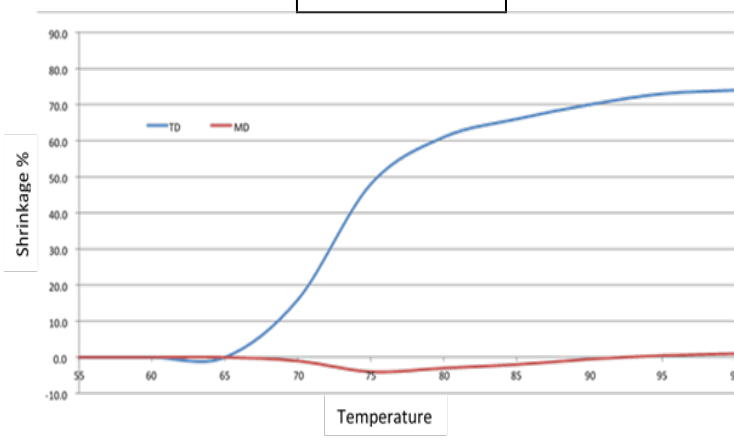
Shrink Label • Bundling • Tamper Evident
Suitable for Hot Air, Steam Tunnels

Gauges:

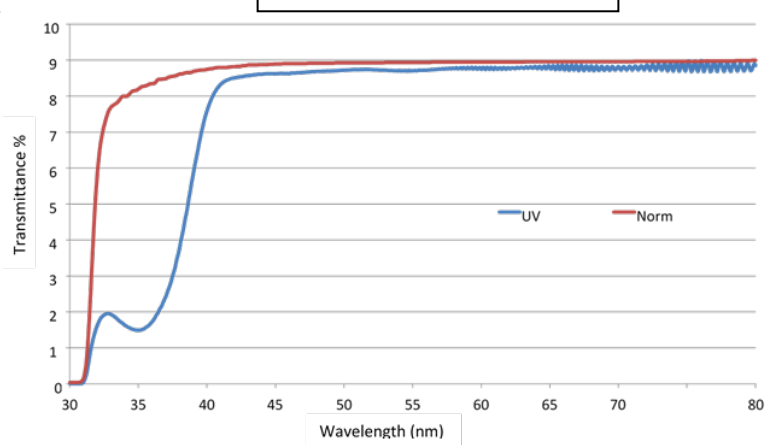
Standard - 180ga (45μ), Other Gauges Available

Property	Units	Typical Values	Test Method
Thickness	μm gauge	45 180	ASTM D 1400
Yield	in ² /lb	11,160	ASTM D 4321
Friction COF	uK	— < 0.41 < 0.35	ASTM D 1894
Tensile Strength	MD TD	psi 9000 40,000	ASTM D 882
Heat Shrinkage(95°C)	MD TD	% < 0.5 > 74.0	10 sec at 95°C Water
Gloss (60°F/15.5°C)	—	145	ASTM D 523
Haze	%	4.0	ASTM D 1003
Specific Gravity	g/cm ³	1.32	ASTM D 792
Transmittance (380nm)	%	20~30	Internal

SHRINK CURVE



LIGHT-BLOCKING PROPERTIES



Thickness & Yields may vary by +/- 10%

All data represents typical values by the methods indicated and should be considered so. The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.