

Soft Shrink Film (SS)

60 gauge

With its unique soft shrink ability, tear resistance, enhanced seal and impact strength, and superior optics, TUFFlex™ Soft Shrink (SS) is perfect for the smallest greeting card bundle or the largest, irregular shaped multi-pack. Designed to run at speeds from 10–90 packs per minute, with no distortion or buckling around the product, TUFFlex Soft Shrink (SS) is the Easy-To-Use film in the market.

Comprised of a multi-layered, electronically cross-linked polyolefin, TUFFlex Soft Shrink (SS) has a low shrink tension and forgiving nature. This makes it perfect for those hard to package, softer and lighter weight products.

Superior clarity and intense strength makes TUFFlex Soft Shrink (SS) the multi-use film perfect for paper products, snack foods, gift wrap and so much more.

Strength

Improved seal, impact strength and tear resistance, for greater protection during shipping and display.

Superior optics

Clarity with low shrink energy. Products can be wrapped without buckling or distortion detracting from sales appeal.

tufflexpackaging.com

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Properties	ASTM Test Method	Typical Values
Yield (Sq. In/lb.)		50000
Haze %	D 1003-95	5.8
Gloss %	D 2457-90	75
Clarity %	D1746-92	75
Instrumented Impact Strength (lbs.)	D 3763-95a	9
Coefficient of Friction I/I (film to film, kinetic)		0.19
Water Vapor Transmission Rate (gms/100sq.in./24hrs.; 100%RH, 100°F)	F 1249-90	3.6
Oxygen Transmission Rate (cc/m sq/24hrs. @ 73°F, 1 atm)	D 3985-95	17600
Minimum Use Temperature		-60°F
		LD*/TD**
Elmendorf Tear (g/mil)	D 1922	26/26
Elongation at Break (%)	D 882-95	110/110
Tensile Strength (psi)	D 882-95	10700/10500
Modulus of Elasticity	D 882-95	30/32
Free Shrink (%)		
@180°F	D 2732-83	12/16
@200°F	D 2732-83	18/28
@220°F	D 2732-83	47/50
@240°F	D 2732-83	71/71
@260°F	D 2732-83	83/75
Shrink Tension (psi)		
@180°F	D 2838-95	283/344
@200°F	D 2838-95	190/325
@220°F	D 2838-95	250/340
@240°F	D 2838-95	250/335
@260°F	D 2838-95	368/224

* Longitudinal Direction ** Transverse Direction

* NOTE: These are typical values for TUFFflex shrink film.

They are not intended for use as limiting specifications.