

Premium Shrink Film (PS)

60 & 75 gauge

The most versatile and reliable film on the market. In addition to being the ideal film for unusually shaped objects and heavy products with sharp edges, TUFFflex™ Premium Shrink Film is unmatched for multi-packing applications.

Film Highlights

Material

Extremely tough, multi-layered, electronically cross-linked polyolefin.

Appearance

Superior clarity, gloss and sheen. Package will stay taut and wrinkle-free and won't crack when temperature abused, ensuring maximum appeal at the point of sale.

Toughness

Abuse and puncture resistant. Strong seals.

Sealing Techniques

Seals well on thermal, trim and electrostatic systems.

Applications

Multi-packs, plastic or heavy paper plates, reams of paper, window shutters, shelving, canned goods, irregularly shaped toys and games.

tufflexpackaging.com

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Properties	ASTM Test Method	60 ga. Typical Values	75 ga. Typical Values
Yield (Sq. In./lb.)		50000	40000
Min / Max Temperature (F)		-60° / 89°	-60° / 89°
Haze %	D1003-95	3.1	3.3
Gloss %	D2457-90	87	87
Clarity %	D1746-92	86	85
Instrumented Impact Strength (lbs.)	D3763-95a	18.8	23.9
Coefficient of Friction (skin/skin, kinetic)	D1894-95	.22	.22
Moisture Vapor Transmission Rate (gms/100sq.in./24hrs/atm)	F1249-90	1.3	1.1
Oxygen Transmission Rate (cc/m sq/24hrs. @ 73°F/atm)	D3985-95	8458	6726
		LD*/TD**	LD*/TD**
Tear Propagation (g)	D1938	3.8/4.9	5.3/6.0
Elongation at Break (%)	D882-95	95/30	110/135
Tensile Strength (x1000 psi)	D882-95	17.5/19.0	17.5/19.0
Modulus (x1000 psi @ 73° F)	D882-95	60.0/65.0	60.0/65.0
Free Shrink (%)			
@200°F	D2732-83	14/20	14/20
@220°F	D2732-83	22/33	22/33
@240°F	D2732-83	57/60	57/60
@260°F	D2732-83	77/77	77/77
Shrink Tension (psi)			
@200°F	D2838-95	350/500	350/500
@220°F	D2838-95	400/570	400/570
@240°F	D2838-95	440/600	440/600
@260°F	D2838-95	440/535	440/535

* Longitudinal Direction ** Transverse Direction

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

They are not intended for use as limiting specifications.