Premium Plus Shrink Film (PPS)

42, 55 & 70 gauge

General purpose shrink film with the versatility to wrap small, lightweight to large, heavy products and everything in between.

Film Highlights:

Material

Up to 50 Micro-layers of film provides strength for a broad array of applications.

Toughness

Strong and easy to use. Adapts to a wide range of equipment. Performs better than materials up to twice the thickness.

Sustainability

Lower carbon footprint due to less material used. Energy savings due to lower temperature requirement in the shrinking process leading to less electricity consumption.

Recyclable

Meets the requirements for SPI recycle code "4" and can be introduced into the LDPE recycle stream.



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Properties	ASTM Test Method	42 ga. Typical Values	55 ga. Typical Values	70 ga. Typical Values
Gauge		42	55	70
Impact Strength Peak Load (lb)	D3763-95a	11.4	14.3	20
Haze %	D1003-95	2.7	3	3.9
Clarity %	D1746-92	82.8	82.7	78.4
Gloss %	D2457-90	85	84	84
Coefficient of Friction (film /film, kinetic)	D1894-95	0.193	0.148	0.133
Moisture Vapor Transmission Rate (gms /100 sq in / 24 hrs /atm)	F1249-90	1.56	1.33	0.95
Oxygen Transmission Rate (cc /m² /24 hrs /atm)	D3985-95	11970	9280	6960
Tensile Strength (×1000 psi)	D882-95	19.1/19.8	17.7/19.2	17.4/19.5
Elongation at Break %	D882-95	92/93	94/120	120/130
Modulus (×1000 psi)	D882-95	65.4/64	62.3/63.4	53/63.8
Elmendorf Tear (g)	D1922	23.2/25	34.6/34.1	46.9/42.5
Shrink Tension (psi)	D2838-95			
@ 200° F		313/585	355/540	288/573
@ 220° F		420/629	441/617	364/623
@ 240° F		537/637	498/599	430/596
Free Shrink %	D2732-83			
@ 200° F		10/16	11/16	10/18
@ 220° F		18/30	20/29	18/30
@ 240° F		53/58	55/59	54/58

* LD = Longitudinal Direction / TD = Transverse Direction