

i protect



**EXLFILM<sup>®</sup>**  
**HSP**

## HIGH SPEED SHRINK FILM

This fast-sealing film allows for short dwell times that maximize production and increase plant efficiency. Your product is protected from the rigors of high-speed packaging and shipping by consistently strong seals and exceptional tensile strength. The high slip ensures easier material handling, collating and package insertion. Great for computer software, DVDs, labels and more, Exlfilm<sup>®</sup> HSP gets the job done fast and looks great too, with superior optics and shrinkage. Available in 50, 60 and 75 gauge.

## FEATURES & BENEFITS

- High shrink percentage
- High slip
- Exceptional tensile strength and tear resistance
- Complies with FDA standards



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## PRODUCT ATTRIBUTES

CHARACTERISTICS	TEST METHOD	GAUGE					
		50		60		75	
Roll Length - Center Fold		5,250		4,375		3,500	
Roll Length - Single Wound		10,500		8,750		7,000	
Low Temperature Usage (°F)		-40°		-40°		-40°	
Shrink Temperature (°F)		240 - 340°		240 - 340°		240 - 340°	
Max. Storage Temp. (°F) 2 years max.		90°		90°		90°	
Haze %	D1003	2.3		2.8		3.2	
Gloss at 20°	D2457	125		115		115	
Coefficient of Friction (film to film), kinetic	D1894	0.25		0.25		0.25	
Oxygen Transmission Rate (cc/100 in <sup>2</sup> /24 hrs.)	D3985	527		431		344	
Water Vapor Transmission Rate (g/100 in <sup>2</sup> /24 hrs.)	F1249	1.91		1.52		1.179	
		MD	TD	MD	TD	MD	TD
Tensile Strength (PSI)	D882-80	16,000	16,000	15,000	15,000	15,000	15,000
Elongation at Break (%)	D882-80	120	120	120	120	140	140
Stiffness Modulus (PSI)	D882-80	50,000	50,000	50,000	50,000	50,000	50,000
Unrestrained Shrink (%) @ 250°F	D2732	55	58	55	58	55	58
Tear Propagation (g/ply)	D1922	8	8	10	10	17	17

Note: These values are typical and not intended as limiting specifications.  
MD = Machine Direction; TD = Tensile Direction

## MARKETS

- Food Processing
- Fulfillment
- General Manufacturing
- Printing
- Contract Packaging

## KEY FEATURES

- Maximizes production rates
- Consistently strong seals
- Superior optics



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