

# PRESTRETCHED HAND FILM

## .29 mil

### Product Description

Sigma Prestretched Hand Film is prestretched to a natural “lock up” point for ease of application. Lighter, longer rolls reduce user fatigue and wrap more pallets per roll. Bulk pack designed for high volume users. Available in widths from 13 inches to 18 inches.

### Applications

Cold environments	Food processing
Grocery	All load profiles
Warehouse	
Internal wrapping	
Boxed products	

**SIGMA  
STRETCHED**

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	No yield	± 15%	ASTM D882
Tensile Strength at Yield TD	1000 psi	± 15%	ASTM D882
Tensile Strength at Break MD	16000 psi	± 15%	ASTM D882
Tensile Strength at Break TD	3300 psi	± 15%	ASTM D882
Elongation at Break MD	150%	± 15%	ASTM D882
Elongation at Break TD	730%	± 15%	ASTM D882
Protrusion Puncture	4.7 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	12.1 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	140 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	980 g/mil	± 15%	ASTM 1922
Cling - Outside to Inside @ 225%	min 150 g/in	± 15%	ASTM D5458

Dimensions	Value	Tolerance
Core ID	3.05 inches	± 0.05%
Film Thickness	7.4 micron	

**Manufactured with pride in the USA and Canada by  
Sigma Stretch Film**

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