



PERFORMANCE CONVENTIONAL HAND FILM

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

STRANFLEX® Performance Conventional Hand Film is formulated with superior puncture properties to grasp and hold corners on loads. It is designed for manual application, and does not require specialized machinery.

APPLICATIONS

- Warehousing and distribution centers
- Manufacturing and production environments
- Bagged and boxed products
- 3PL and contract packaging operations
- Transportation, storage, and load consolidation
- Food & beverage (indirect food contact)

TECHNICAL DATA

ITEM #	GA	ULTIMATE BREAK	ULTIMATE FORCE AT BREAK	LOAD CONTAINMENT AT 300s	ELMENDORF TEAR STRENGTH FORCE	TIME TO BREAK AT TEAR	DROP TIME AT TEAR	PUNCTURE FORCE	DISPLACEMENT AT PUNCTURE	PEEL CLING FORCE AT 250%
		ESTL Test Method Certified Under ISO 17025								
SFP109405	43	200%	40 Lbf	3.5 Lbf	15 Lbf	50 Sec	14.5 Sec	7.0 Lbf	4.5 Inch	0.12 Lbf
SFP109445	43									

ITEM #	GA	TEAR RESISTANCE MD	TEAR RESISTANCE TD	ULTIMATE TENSILE STRENGTH MD	ULTIMATE TENSILE STRENGTH TD	MAXIMUM ELONGATION MD	MAXIMUM ELONGATION TD	DART DROP
		(ASTM D1922)		(ASTM D882)		(ASTM D882)		(ASTM D1709)
SFP145457	57	46 g	508 g	8220 psi	3798 psi	478%	871%	66 g
SFP203457.C	80	75 g	509 g	7689 psi	3809 psi	524%	897%	77 g



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ITEM #	GA	ELMENDORF TEAR STRENGTH MD	ELMENDORF TEAR STRENGTH TD	ULTIMATE TENSILE STRENGTH MD	ULTIMATE TENSILE STRENGTH TD	MAXIMUM ELONGATION MD	MAXIMUM ELONGATION TD	PROTRUSION PUNCTURE	PROTRUSION PUNCTURE ENERGY
		(ASTM D1922)		(ASTM D882)		(ASTM D882)		(ASTM D5748)	
SFP165405	65	350 g/mil	600 g/mil	6800 psi	4000 psi	395%	600%	9.6 lbs	18.0 in-lb
SFP165457	65								
SFP178380	70	350 g/mil	600 g/mil	6800 psi	4100 psi	400%	620%	9.7 lbs	19.5 in-lb
SFP178457	70								
SFP203457	80	150 g/mil	500 g/mil	6800 psi	4600 psi	470%	720%	8.8 lbs	15.0 in-lb

There is a +/- 10% tolerance on all the testing metrics. The data in the tables are nominal values based on PSTC, ASTM and other standard testing. The data should not be considered as specifications.

Let's package up the right solution for your needs.

STRANFLEX packaging products are exclusively sold and distributed by BradyPLUS. Discover the full product range at STRANFLEX.com.

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