

**Product:** Channel Vacuum Bags, (SKU: MR)  
**Description:** 3.5mil textured (embossed) film with 4mil smooth poly/nylon  
**Application:** Cost-effective FDA approved film used extensively for demanding, vacuum applications found in a variety of industries. It was developed specifically to be used with home vacuum machines that cannot function with a flat “industrial grade” vacuum bag. The deep diamond embossed material is employed on one side of the pouch. The films extensibility (ability to stretch) allows it to conform to unique product geometry. Low oxygen transfer rate, high impact resistance and its low cost make it popular with meat, fish, nuts, dried fruit, jerky, and snack products.

EMBOSSED LAYER	UNIT	TEST METHOD / CONDITION	TYPICAL VALUE
STANDARD THICKNESS	MILS		3.5NOM.
YIELD	in <sup>2</sup> /lb		8,600
OXYGEN TRANSMISSION	cc/100 in <sup>2</sup> /day	D-3985 (@73F/0%rh)	6.25
WATER VAPOR TRANSMISSION	g/100 in <sup>2</sup> /day	F-1249 (@100/90%rh)	0.69
TENSILE, STRENGTH			
MD	psi		4,500
TD	psi		3,500
TENSILE, ELONGATION			
MD	%		400
TD	%		425
ELMENDORF TEAR			
MD	Lbf		0.20
TD	Lbf		0.70

This data should be considered as average typical properties and not as a specification. This data is offered for information purposes and does not represent any type of guarantee or warranty of performance. No liability is assumed for any incidents that may arise from use of this data. We urge purchases to conduct independent tests to determine final suitability for their specific application.

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SMOOTH LAYER	UNIT	TEST METHOD / CONDITION	TYPICAL VALUE
STANDARD THICKNESS	MILS	D-2103	4.0
YIELD	in <sup>2</sup> /lb	FPA B-11	7,160
OXYGEN TRANSMISSION	cc/100 in <sup>2</sup> /day	D-398 (@100F/90%rh)	3.5
WATER VAPOR TRANSMISSION	g/100 in <sup>2</sup> /day	F-1249 (@73/0%rh)	0.3
HAZE	%	D-1003	15.6
COF	%	D-1894	.10
ELONGATION			
MD	%	ASTM D-882	370
XD	%	ASTM D-882	370
TENSILE STRENGTH			
MD	Mpa	ASTM D-882	27
XD	Mpa	ASTM D-882	27

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