



High Barrier Thermoforming Film THF001

4 Mil

High Barrier Thermoforming Film is co-extruded PA // EVOH // PE film. Industry leading clarity and great forming draw characteristics.

PROPERTIES	TEST METHOD	UNIT		TARGET	MINIMUM	MAXIMUM
Thickness	Internal	Mil		4	3.8	4.2
		Micron		100	95	105
Yield	ASTM D 4321	m ² /kg		10.36	9.84	10.88
		in ² /lb		7,285	6,921	7,649
Tensile Strength @ break	ASTM D 882	kg/cm ²	MD	> 250		
			TD	> 230		
Elongation @ break	ASTM D 882	%	MD	> 300		
			MD	> 320		
Coefficient of Friction	ASTM D 1894	--	Kinetic	0.2	0.1	0.3
Dart Impact Strength (@ 0.66 Meter Height)	ASTM D 1709	gf		≥ 200		
Seal Strength (125°C, 1.8 second dwell time)	ASTM F 88	kgf/15mm		≥ 2.8		
W.V.T.R (38°C 90%RH)	ASTM F 1249	g/m ² /24 hrs		< 5.0		
O.T.R. (23°C, 0% RH)	ASTM D 3985	cm ³ /m ² /24 hrs		< 1.8		

* MD = Machine Direction, * TD = Transverse Direction

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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