



High Barrier Thermoforming Film THF001

9 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		9	8.55	9.45
		Micron		225	213.75	236.25
Yield	ASTM D 4321	m ² /kg		4.31	4.09	4.53
		in ² /lb		3,033	2,881	3,185
Tensile Strength @ break	ASTM D 882	kg/cm ²	MD	> 280		
			TD	> 250		
Elongation @ break	ASTM D 882	%	MD	> 300		
			MD	> 300		
Coefficient of Friction	ASTM D 1894	--	Kinetic	0.2	0.1	0.3
Dart Impact Strength (@ 0.66 Meter Height)	ASTM D 1709	gf		≥ 400		
Seal Strength (125°C, 1.8 second dwell time)	ASTM F 88	kgf/15mm		≥ 7.0		
W.V.T.R (38°C 90%RH)	ASTM F 1249	g/m ² /24 hrs		< 3.5		
O.T.R. (23°C, 0% RH)	ASTM D 3985	cm ³ /m ² /24 hrs		< 0.8		

* 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.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.