



# High Barrier Easy Peel Thermoforming Film THF003

## 6 Mil

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

PROPERTIES	TEST METHOD	UNIT		TARGET	MINIMUM	MAXIMUM
Thickness	Internal	Mil		6	5.7	6.3
		Micron		150	142.5	157.5
Yield	ASTM D 4321	m <sup>2</sup> /kg		6.47	6.15	6.80
		in <sup>2</sup> /lb		4,551	4,324	4,779
Tensile Strength @ break	ASTM D 882	N/mm <sup>2</sup>	MD	> 24.52		
			TD	> 22.56		
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 (@ 1.52 Meter Height)	ASTM D 1709	gf		≥ 280		
Seal Strength (125°C, 1.8 second dwell time)	ASTM F 88	N/inch		≥ 7.85		
W.V.T.R (38°C 90%RH)	ASTM F 1249	gm/100in <sup>2</sup> /24hrs		< 0.34		
O.T.R. (23°C, 0% RH)	ASTM D 3985	cc/100in <sup>2</sup> /24hrs		< 0.10		

\* 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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