

**TECHNICAL DATA SHEET****FOIL REPLACEMENT FILM (HIGH BARRIER METALIZED PET FILM)****IMP240**

Untreated Surface

Transparent Core

Chemically Treated, Ultra High Barrier Metalized Surface

A one side metallised (on the chemically treated surface) PET film, with excellent bond strength for single or two-ply laminate packaging applications. The treated side is specifically designed for excellent metallisation and has excellent metal to film bond strength. Has high gloss and superior barrier properties, and has been designed to replace foils that are typically used in laminates.

PROPERTIES	TEST METHOD	UNITS	48 IMP240	
GENERAL				
Thickness	Internal	gauge	48	
Yield	Internal	lb/ream	10.3	
	Internal	in ² /lb	41800	
Treatment Level	Metalized Side	ASTM D-2578	dyne	56
OPTICAL				
Optical Density	max	Internal	%	2.8
MECHANICAL				
Tensile Strength	MD	ASTM D-882	psi	29900
	TD	ASTM D-882	psi	31300
Elongation to Break	MD	ASTM D-882	%	100
	TD	ASTM D-882	%	90
THERMAL				
Shrinkage (at 302 °F / 30 min)	MD	Internal	%	2.5
	TD	Internal	%	0.4
BARRIER				
Water Vapour Transmission Rate (at 100 °F / 90% RH)	ASTM E-1249	g/100in ² /24h		0.02
Oxygen Transmission Rate (at 73 °F / 0% RH)	ASTM D-3985	cc/100in ² /24h		0.03

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

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