



W029379

# 4.5 mil Rainbow Holographic Laminate

## Optimized for HP Indigo Presses

### Product Information

A rainbow holographic flexible packaging material with distinctive illumination and rainbow effects, offering great shelf appeal. Suitable for a variety of end uses including snack foods, candy, dry mixes, granola and nutraceutical products. Top coated and optimized for HP Indigo presses.

### Performance Characteristics

- Good stiffness
- Good printability
- FDA direct food contact compliant
- Excellent seal performance
- Broad seal range
- Excellent seal strength

### Structure

Optimized HP Digital Coating
Rainbow Metalized Polyester
High Density Polyethylene w/ Metallocene Linear Low Density Polyethylene

Typical Properties	Typical Values	Units	Test Method
Basis Weight (25 x 38 / 500)	77.25	lbs	Typical
Caliper	4.5	mils	Typical
Yield	5,180	sq. in/lb	Typical
Heat Seal Strength	2.0 - 3.0	psi	ASTM F88 (300°F, 50 psi 1 sec. dwell)
Tensile, MD / TD	5,850 / 3,950	psi	ASTM D882
Elongation at break, MD / TD	850 / 950	%	ASTM D882
WVTR (Water Vapor Transmission Rate)	0.17	g/100 in <sup>2</sup> / 24 hours, 100°F / 90% R.H.	ASTM F1249
OTR (Oxygen Transmission Rate)	60	cc/100 in <sup>2</sup> / 24 hours, 73°F / 0% R.H.	ASTM D3985
Regulatory Compliances:	Sealant Side: FDA 21 CFR 176.170(C) Table 2 B-H , Sealant Side: FDA 21 CFR 175.320(b)3iii, 177.1350(a)(1), 177.1520(a)(3)(i), 177.1520(c)2.1,3.2a, 181.28 Top Coat Print Side 21 CFR 175.105, 21 CFR 175.300, 21 CFR 175.320		

The information presented here is to the best of our knowledge and believed to be accurate and reliable. This information is offered for your verification; all recommendations or suggestions are presented without guarantee or responsibility on our part. It is the customer's responsibility to perform their own tests and methods to ensure the quality of their product.