



## OPP Film

OPP film is a co-extruded, two side sealable, one side treated, biaxially oriented film for food packaging.

Property	Typical Value		Units	Test Method
Heat Seal Range	220-300°F		Untreated to untreated	
Linear speed on HFFS machines, heat sealing without melting film	OPP100 OPP120 OPP140	197 180 105	Feet per minute	
Water Vapor transmission rate at 100°F, 90% RH	OPP100 OPP120 OPP140	0.37 0.31 0.26	grams/100in <sup>2</sup> /day	ASTM E-96
Oxygen transmission rate 75 +/- 4 F, 0-90% RH	OPP100 OPP120 OPP140	97 81 71	cc/100in. <sup>2</sup> /day at 1 atmosphere	ASTM D1434
Nitrogen transmission rate 75 +/- 4 F, 0-90% RH	OPP100 OPP120 OPP140	27 23 21	cc/100in. <sup>2</sup> /day at 1 atmosphere	ASTM D1434
Carbon dioxide transmission rate 75 +/- 4 F, 0-90% RH	OPP100 OPP120 OPP140	297 245 210	cc/100in. <sup>2</sup> /day at 1 atmosphere	ASTM D1434
C.O.F.	OPP100 OPP120 OPP140	.3 .3 .3		ASTM D1894

### Yield Chart

Gauge	Approximate Yield (Sq in/lb.)	Stock Sizes Available (Inches)
100	31,100	11,12,12.5,13,13.5,14,14.5,15,15.5,16
120	25,700	
140	22,200	

2-4 week lead time for non-stock sizes

### FDA

All Preferred Packaging OPP films are in compliance with the U.S. Food and Drug Administration (FDA) laws and regulations, including 21 CFR (Code of Federal Regulations) 177.1520 and with applicable Canadian food packaging regulations.

### Warranty

No guarantees are stated or implied other than those of good standard quality. All uses and applications are subject to the user's own testing and approval. Caution should be taken to ensure proper inks and adhesives are used. In no case will Preferred Packaging's liability exceed the invoices amount of the material involved.