



OPS SHEET

July 2012

MPX 1500 Freezer Modified OPS Sheet

CAPABILITIES

- Gauge: .005" to .025" (126 to 635 μ m)
- Width: 12" to 62" (305 to 1575 mm)
- Core Size: 6" standard cores, 3" and 8" available
- Roll O.D.: 29" standard, up to 40" available
- Custom Colors available
- Silicone coating available

PROPERTIES

- Good low temperature impact resistance
- Great for freezer applications
- Superb yield
- Easily thermoformed
- FDA compliant CFR 21 #177.1640
- Kosher material

TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Density	1.05	g/cc	
Shrinkage	0.5	%	D955
Yield	26,360	in ² /lb./mil of thickness	
Tensile Strength at Yield	4,000 to 6,000	psi	D638
Ultimate Elongation	20 to 60	%	D638
Tensile Modulus	300,000 to 350,000	psi	D790
Typical Thermoforming Temperature	270 to 310 (132 to 155)	$^{\circ}$ F ($^{\circ}$ C)	
Typical Range of Use	-40 to 165 (-40 to 74)	$^{\circ}$ F ($^{\circ}$ C)	

CHEMICAL RESISTANCE

Acid Resistance	Good to Excellent
Strong Oxidizers	Poor
Alkalies	Excellent
Hydrocarbon Solvents	Poor
Alcohols	Good to Excellent
Fat, Grease, and Oil	Good

The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.

FOR MORE INFORMATION CONTACT OUR SALES DEPARTMENT AT 888.456.8018