



6153C West Mulford St.  
 Niles, IL 60714 USA  
 Toll Free Phone: 855-966-6200  
 Fax: 847-966-6168  
 peelmaster.com

Our Quality, Our Performance,  
 Your Success.

## NY0002 - POLYETHYLENE / NYLON FILM MATERIAL DATA

<b>Material</b>	Polyethylene / Nylon Film	<b>PeelMaster Item #</b>	NY0002
<b>Product Description</b>	100 Gauge Biaxially-Oriented PA (Nylon) / 3 mil Low Density Polyethylene Laminated Film		
<b>FDA Status</b>	All resins and additives used shall comply with applicable requirements of the Federal Food, Drug, and Cosmetic Act for Packaging.		
<b>Material Characteristics</b>	<ul style="list-style-type: none"> <li>• Clear film</li> <li>• Tougher than standard polyethylene/polyester films</li> <li>• Good abrasion and puncture resistance</li> <li>• Good bond with clean peel characteristics when sealed under suitable conditions</li> <li>• ETO or radiation sterilizable.</li> </ul>	<b>Typical Applications</b>	Typical Applications Medical sterilization peel pouches
<b>PHYSICAL PROPERTIES</b>			
<b>Basis Weight:</b>	64.2 lbs. / ream		
<b>Area Yield:</b>	6923 sq. in. / lb.		
<b>Total Thickness (gauge):</b>	4.1 mil (nominal)		
<b>Seal Range:</b>	240-310 °F (1 sec. Dwell at 30psi)		
<b>Tensile Strength:</b>	8500 lbs. / square inch (ASTM D 882)		
<b>TD:</b>	8500 lbs. / square inch (ASTM D 882)		
<b>Haze:</b>	12% (ASTM D 1003)		
<b>Elongation:</b>	120% (ASTM D 882)		
<b>MVTR:</b>	<1.0 (grams H2O / 100 sq. in. / 24 hrs) ASTM F1249		
<b>Oxygen Permeability:</b>	<3.0 (cc / 100 sq. in. / 24 hrs) ASTM 3985		

*These physical properties listed above are not meant for customer specifications development. Customers are solely responsible for determining the suitability of this product for their intended use.*