

Biodegradable Polymer Coated Paper

Natur-Tec® biodegradable polymer coated paper provides all of the benefits of traditional plastic coated paper, but in a conventional plastic free product. The product is 100% biodegradable and compostable. The poly paper is available in rolls and can be heatsealed and imprinted for a variety of applications such as packaging materials, food containers, cups and trays.

Features:

- 100% Biodegradable & Compostable*
- Environmentally-friendly alternative to conventional plastics
- Does NOT contain any polyethylene or other conventional plastics
- Tear resistant, heat sealable & water resistant
- Imprintable
- Strong, flexible & lightweight
- Meets ASTM D6400 standard specifications for compostable plastics
- Certified by the Biodegradable Products Institute to fully biodegrade in a composting environment

* Natur-Tec® products are intended to be composted in a professionally managed municipal or commercial facility operated in accordance with best composting management practices.



Natur-Tec® Polymer Coated Paper is available in:

- 36" rolls
- 48" rolls
- Custom sizes



Natur-Tec® Polymer Coated Paper can be used for a variety of applications, including:

- Foodservice products (e.g. - cups, plates/trays, food containers)
- Packaging materials
- Grocery, carry-out or storage bags



Look for the Biodegradable Products Institute (BPI) certification logo on products to ensure they are truly biodegradable and compostable.

Biodegradable Polymer Coated Paper

Physical Data			
Appearance and Odor	<i>Odorless, biodegradable polymer coated kraft paper. Brown color.</i>		
Color	<i>Colors available upon request</i>		
Biodegradable Polymer Coating	<i>0.5 mil - 2 mil</i>		
	Typical Values		Test Method
Coating Deposition	<i>1 mil biodegradable film</i>		<i>N/A</i>
Basis Weight (lbs/ream)	<i>55</i>		<i>T 410</i>
Caliper (mils)	<i>3.5 mil (film coating = 1 mil)</i>		<i>T 441</i>
	MD	TD	
Trouser Tear (grams)	<i>61</i>	<i>67</i>	<i>ASTM D 882</i>
Tensile Strength (lbs/in²)	<i>7040</i>	<i>5710</i>	<i>ASTM D 1938</i>
Elongation (%)	<i>39</i>	<i>18</i>	<i>ASTM D 882</i>
Shelf Life	<i>Estimated shelf life of 4 years if stored in the original packaging at 85°F (30°C) or less.</i>		
Stability	<i>This product is stable under normal storage and shipping conditions. Avoid contact with flames, acids and strong oxidizers or solvents that dissolve polyester film.</i>		
Disposal Method	<i>Ideal disposal method is to compost in a professionally managed municipal or commercial facility. Alternatively, product may be disposed of in a landfill or incinerated (consult federal, state and local regulations).</i>		

Ordering Information:
+1 (763) 404-8700
info@natur-tec.com
www.natur-tec.com