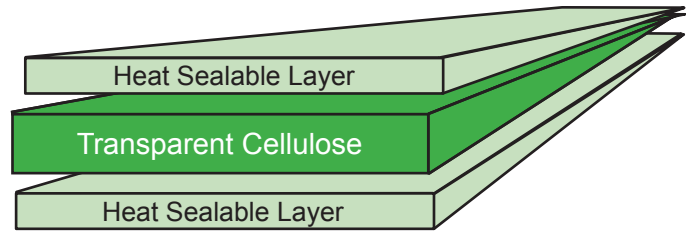


### NatureFlex™ NE Compostable, Heat Sealable Film



## Product Features

**DESCRIPTION:** A compostable, heat sealable, transparent film that is based on renewable resources. It offers increased moisture barrier for the packing of more hygroscopic foods. It can be used in conventional or microwave ovens up to 392° F for 30 minutes.

### FEATURES:

- Biodegradable in home Composting & Waste Water Environments.
- Excellent Transparency and Gloss
- Heat Sealable on Both Sides
- Increased Barrier to Moisture
- Excellent Barrier to Gases and Aromas
- Anti-Static
- Superb Dead-Fold Characteristics
- Resistant to Oils and Greases

### APPLICATIONS:

- Single Film for Packing on Vertical, Horizontal, Twistwrap and Overwrap Machines.
- Packaging of Hygroscopic foods.



NatureFlex NE2™ is certified as compostable to ASTM D6400 by Biodegradable Products Institute, USA.

Property	Value				Unit	Test Method
<b>Physical Properties</b>						
Thickness	75	90	120	165	gauge	
Yield	25,650	21,000	16,400	11,700	in <sup>2</sup> /lb	
Tensile Strength	MD TD	18,000 10,000			PSI	ASTM D 882
Elongation	MD TD	22 70			%	ASTM D 882
COF (outside/outside)	Dynamic	0.3				ASTM D 1894
Elasticity Modulus (1% secant)	MD TD	>435,000 >220,000			PSI	ASTM D 882
<b>Thermal Properties</b>						
Seal Strength	>400				g(f)/1 in	275°F x 0.5 secs x 10 PSI
Seal Range	175-390				°F	0.5 secs x 10 PSI
<b>Optical Properties</b>						
Gloss	90				%	ASTM D 2457
Haze (wide angle)	6				%	ASTM D 1003
<b>Barrier Properties</b>						
Water Vapor Transmission	2.0				g/100in <sup>2</sup> /24hrs	100°F x 90% RH
Oxygen Transmission	0.2				cc/100in <sup>2</sup> /24hrs	75°F x 0% RH

\* All values +/- 10%

**Compostability:** This plastic product meets ASTM D6400, "Standard Specifications for Compostable Plastics", and is intended to be composted in a municipal or commercial facility operated in accordance with best composting management practices. Check to see if such a facility exists in your community.

**Film Storage:** NatureFlex™ film should be stored in its original wrapping away from any source of local heating or direct sunlight at temperatures between 60-75°F and at a relative humidity of 35-55%. NatureFlex™ film is suitable for use for 6 months from the date of delivery, and stocks should be used in rotation. Films should be allowed to reach operating room temperature 24 hours before use.

**Food Contact:** NatureFlex™ is suitable for most applications involving direct contact with foodstuffs

## Standard Roll Sizes

Available Core Sizes →	3"	3"	3"	6"
Approximate Roll OD →	9.5	13	18	18¾"
Standard Cellophane Gauges	Approximate Roll Lengths			
76	6,500	13,000	26,000	
86	5,700	11,400	22,800	
87	5,700	11,400	22,800	
90	5,700	11,400	22,800	
99	5,000	10,000	20,000	
100	5,000	10,000	20,000	
121	4,100	8,200	16,400	
137	3,600	7,200	14,400	
150	3,600	7,200	14,400	
160	3,000	6,000	12,000	
164	3,000	6,000	12,000	
170	2,900	5,750	11,500	

\*Non-standard roll lengths/OD's are available on special request.

### Available Widths

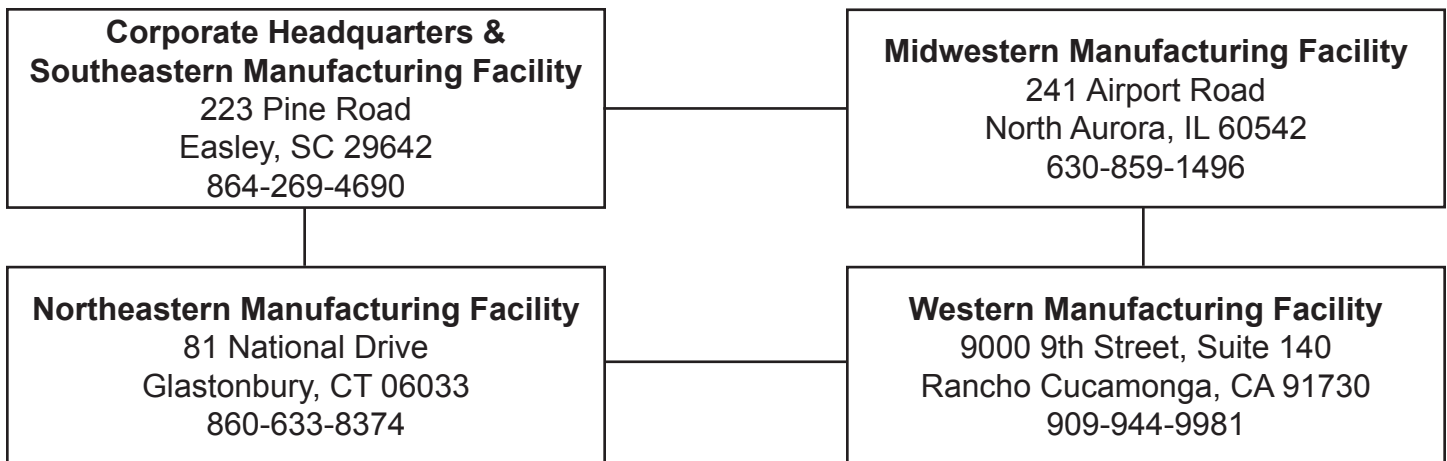
- Most films are available in roll widths from ¼ inch to 80 inches

### Minimum Order Quantities

- Minimum order quantity is 500 lbs. Freight will be prepaid and added to invoice.
- Production orders less than 500 lbs. will incur a less than minimum order fee.
- Orders greater than 1000 lbs. are shipped freight paid.

### Plant Locations

Nationwide service through four plants locations.



The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Interfilm Holdings, Inc., and Interfilm Holdings, Inc., makes no warranty of results to be obtained. Users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of the numerous factors affecting results, Interfilm Holdings, Inc., MAKES NO REPRESENTATIONS OF ANY WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR ANY OTHER MATTER WITH RESPECT TO THE MATERIAL OTHER THAN THAT THE MATERIAL CONFORMS TO ITS APPLICABLE CURRENT STANDARD SPECIFICATIONS. Statements herein, therefore, should not be construed as representations or warranties. THE RESPONSIBILITY OF INTERFILM HOLDINGS, INC. FOR CLAIMS ARISING OUT OF BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE IS LIMITED TO THE PURCHASE PRICE OF THE MATERIAL.

INTERFILM HOLDINGS, INC.

P.O. Box 51128 - Piedmont, SC 29673 - 800-648-4828 - [www.interfilm-usa.com](http://www.interfilm-usa.com)