



Lili™ Environmental Stewardship Program

Meet Lili™

Lili™ stands for “Low-environmental Impact Line from Intertape” but Lili is more than the growing number of environmentally preferred products that Intertape is bringing to market.

Lili is a commitment shared by the leaders and employees of Intertape to continually look for opportunities to lower our environmental impact. We invite you to do the same.



Low-environmental impact line from Intertape™



What makes it Lili Approved?

A Lili™ Approved product or activity is designed to reduce the impact to the environment in one or more of the following ways:

- Reduces waste in the manufacturing process
- Reduces the footprint left behind by our products, processes and employees
- Increases the recyclability of products through mainstream recycling
- Provides an alternative solution to a less environmentally friendly product or application
- Reduces consumption of raw materials, fuel and other energy sources
- Reduces pollutants released through air, water or waste
- Improves the safety and health of employees

Visit www.itape.com for a listing of Lili Approved initiatives performed by Intertape Polymer Group. Also, check out “Suggestions from Lili’s Pad” for ideas on how you can lower your personal environmental impact.

Making a difference has never been so simple.



iCushion™ Oxo-biodegradable Air Pillow



The oxo-biodegradable air pillow film contains an additive that initiates chemical breakdown of the polymer chains much more quickly and completely than a standard film when in the presence of oxygen and heat or UV light. Once the polymer has been degraded to a low molecular weight, the molecular components can be consumed by micro-organisms. This act of biodegradation leaves only water, carbon dioxide, biomass and small quantities of minerals that will be assimilated into the ecosystem.

In addition to being reusable, one of the advantages of oxo-biodegradable films is the ease of recycling through mainstream recycling services. Unfortunately, not all products make it to recycling or even waste receptacles resulting in litter. An oxo-biodegradable air pillow that is discarded into the environment is much more likely to undergo the biodegradation process.

Air pillow technology offers source reduction benefits and fuel consumption savings versus paper and loose fill.



AP-2000 Compatible

8 x 4 Resource # AP120-BIOD4
8 x 8 Resource # AP120-BIOD8

AP-8000C Compatible

8 x 8 Resource # AP150-BIOD8
8 x 12 Resource # AP150-BIOD12



Exfilmplus™ OXO Shrink Film



Exfilmplus™OXO is an oxo-biodegradable shrink film containing an additive that initiates chemical breakdown in the presence of oxygen and heat or UV light. Exfilmplus™OXO operates on all types of equipment and sealing technology, ensuring excellent performance across a wide range of applications. It's the perfect solution for customers looking for an environmentally preferred solution for shrink wrapping.



CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES			
Gauge		45	60		
Roll Length - Center Fold		5,830	4,375		
Roll Length - Single Wound		11,660	8,750		
Low Temperature Usage (F)		-45°	-45°		
Shrink Temperature (F)		240-340°	240-340°		
Max Storage Temp. (F) 2 yrs. max.		90°	90°		
Haze (%)	D1003	3.2	3.5		
Gloss at 20°	D2457	135	130		
Coefficient of Friction (film to film), kinetic	D1894	0.20	0.20		
Oxygen Transmission Rate (cc / 100 in2 / 24 hrs.)	D3985	1,040	830		
Water Vapor Transmission Rate (g / 100 in2 / 24 hrs.)	F1249	1.90	1.70		
		MD	TD	MD	TD
Tensile Strength (PSI)	D882	19,000	19,000	19,000	19,000
Elongation at Break (%)	D882	120	150	131	150
Stiffness Modulus (PSI)	D882	40,000	46,000	40,000	45,000
Unrestrained Shrink (%) @250°F	D2732	63	66	63	66
Tear Propagation (g/ply)	D1922	12	12	14	14

Note: These values are typical and are not intended as limiting specifications. Exfilmplus™OXO Biodegradable film should be used within 24 months of the manufacturing date. Product should be properly stored before use.



SuperFLEX™ OXO & StretchFLEX® OXO Stretch Film



Now, the same great performance you've come to expect from IPG stretch films can be achieved with an environmentally responsible oxo-biodegradable formulation (OXO). Our oxo-biodegradable polyethylene film contains an additive that initiates chemical breakdown more quickly and completely in the presence of oxygen and heat or UV light.

Oxo-biodegradable films are available in clear or tinted green. Choosing oxo-biodegradable SuperFLEX™ or StretchFLEX® stretch film with a green tint helps communicate the positive environmental impact that your company is making to the customer! Plus, you can differentiate your organization by being a recognized leader in green.

Oxo-biodegradable



COMING SOON!

StretchFLEX OXO Stretch Wrap	SuperFLEX OXO High Performance Stretch Wrap
Standard Products	High Performance Products
Machine Applied SF I, SF III, SSC	Machine Applied Genesys™
Hand Applied HW I, HW II, HW IV	Hand Applied Fortress™, PROLITE™, Pre-Stretched

Hand Wrap IV Available NOW!

As the most technologically advanced light gauge films, Genesys™ machine film and PROLITE™ cast hand wrap and reduce the amount of film needed without compromising film strength and quality. Use 30% less film with Genesys versus conventional machine films. All Intertape stretch film products are classified as recycling category #4 for Low Density Polyethylene (LDPE).



Genesys™ Specifications

Resource Number	Thickness	Roll Width	Roll Length	Weight	Maximum Stretch	Rolls per Pallet	Conventional Film Replacement
HA1272000-V9	50ga	20"	9000'	36.0 lbs	250%	40	70ga
HA1273000-V9	50ga	30"	9000'	54.0 lbs	250%	20	70ga
HA1602000-V7	63ga	20"	7500'	37.8 lbs	300%	40	80ga
HA1603000-V7	63ga	30"	7500'	56.7 lbs	300%	20	80ga
HA1902000-V6	75ga	20"	6000'	36.0 lbs	325%	40	90ga
HA1903000-V6	75ga	30"	6000'	54.0 lbs	325%	20	90ga
HA2412000-V5	95ga	20"	5000'	38.0 lbs	350%	40	120ga
HA2413000-V5	95ga	30"	5000'	57.0 lbs	350%	20	120ga



PROLITE™ Specifications

Resource	Micron	Roll Width	Roll Length	Net Wt	Rolls/Case	Cases/Pallet	Use in Place Of
HY1020400-01	10.2μ	400mm	610M	5.06 lbs	4	64	50-65 ga
HY1020457-01	10.2μ	457mm	610M	5.76 lbs	4	64	50-65 ga
HY1200325-01	12.0μ	325mm	450M	3.55 lbs	4	64	60-80 ga
HY1200355-01	12.0μ	355mm	457M	3.95 lbs	4	64	60-80 ga
HY1200400-01	12.0μ	400mm	457M	4.44 lbs	4	64	60-80 ga
HY1200457-01	12.0μ	457mm	457M	5.08 lbs	4	64	60-80 ga

Central® brand Water-Activated Paper Tape



Our patented biodegradable starch-based adhesive aggressively bonds to corrugated cartons, even in dusty or dirty environments.

The paper tapes' backing is totally biodegradable, making them 100% recyclable and repulpable. In addition, to further help the environment, we offer our special Green Core brand of medium duty paper tape which contains a minimum of 50% recycled paper fibers.

CENTRAL
brand



Recyclable

Product Code	Widths	Paper Weight	Colors	Rolls per Case	Cases Per Pallet	Grade
190	1½"	78 lbs ± 5% 85 lbs ± 5%	Natural, White	1½" - 375' - GSI-20 Pack	60	Heavy Duty
	2"			2" - 375' - GSI-14 Pack	60	
	2½"			2½" - 375' - GSI-12 Pack	60	
	3"			3" - 375' - GSI-10 Pack	60	
	4"			4" - 375' - GSI-6 Pack	75	
	6"		6" - 375' - GSI-4 Pack	75		

Recommended uses: Sealing medium weight cartons, including regular slotted containers, full overlap, telescope and others. As a dust seal or for in-plant use. Carton sealing for unitized cartons (pallets). Paper splicing and food products packaging. Environmentally friendly packaging. Use when high strength or reinforced tape is not required.

160R	60mm	57 lbs ± 5%	Natural	60mm - 600' - GSI-12 Pack	60	Green Core (50% recycled fibers) Medium Duty
	70mm			70mm - 600' - GSI-10 Pack	60	

Recommended uses: Sealing lightweight cartons, including regular slotted containers, full overlap, telescope and others. As a dust seal or for in-plant use. Packing for food and textile industries, splicing of recycled webs, packing of unitized cartons (pallets).

160	1½"	57 lbs ± 5%	Natural, White	1½" - 600' - GSI-20 Pack	60	Medium Duty
	2"			2" - 600' - GSI-14 Pack	60	
	2½"			2½" - 600' - GSI-12 Pack	60	
	3"			3" - 600' - GSI-10 Pack	60	
	4"			4" - 600' - GSI-6 Pack	75	
	6"		6" - 600' - GSI-4 Pack	75		

Recommended uses: Sealing lightweight cartons, including regular slotted containers, full overlap, telescope and others. As a dust seal or for in-plant use. Packing for food and textile industries, splicing of recycled webs, packing of unitized cartons (pallets).

140	1"	40 lbs ± 5% 35 lbs ± 5%	Natural, White	1" - 500' - GSO-30 Pack	63	Light Duty
	1¼"			1¼" - 500' - GSO-24 Pack	63	
	1½"			1½" - 500' - GSO-20 Pack	63	

Recommended uses: To pack a lightweight inner carton in a master carton. To seal retail carry-out packages. Retail gift wrap stations. As a dust seal. Delicatessens, meat and produce packaging. To tape and hold assembly packaging.

All product grades available in other sizes upon request.

Corporate Profile

Intertape Polymer Group Inc. (IPG) is an acknowledged leader in the packaging industry. Leveraging its advanced manufacturing technologies, extensive research and development capabilities and a comprehensive strategic acquisition program, the company believes it has assembled the broadest and deepest range of products in the industry.

IPG is widely recognized for its development and manufacture of specialized polyolefin, plastic and paper-based packaging products, as well as complementary packaging systems for industrial and retail use. Additionally, IPG is a woven and flexible intermediate bulk container (FIBC) manufacturer. Its performance products, including tapes and cloths, are designed for demanding aerospace, automotive and industrial applications and are sold to a broad range of industrial/specialty distributors, retail stores and large end-users in diverse industries.



intertape polymer group™

Toll Free: **800-IPG-8273 / 800-474-8273**

Marysville, MI Fax: 800-368-8273

Columbia, SC Fax: 800-462-1293

Montreal, QC Fax: 800-561-3671

Tape Technical Help: 877-447-4832

Machinery Technical Help: 800-972-4675 / Fax: 813-621-9680

www.itape.com | E-mail: info@itape.com