

## 7500 PRODUCT INFORMATION SHEET

**Poly-Lactic-Acid**  
**FDA Compliant for direct food contact**

**Description**

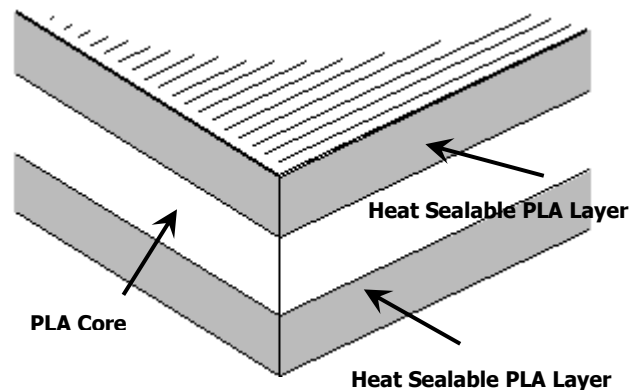
A transparent PLA film that is heat sealable on both sides and made from a renewable resource.

**Properties**

- Heat sealable on both sides
- Good mechanical properties
- High stiffness
- Good oxygen barrier
- Excellent moisture transmission
- Good slip properties
- Resistant to oil, fat, and alcohol
- Excellent twist retention

**Typical Applications**

- Rotogravure and flexographic printing
- Lamination
- Single web structure
- HFFS and VFFS packaging
- Twist and dead fold
- General wrapping



**Environmental Certifications**

- Certified DIN EN 13432 (7H0052) for Compostable intermediates
- Certified AIB-VINCOTTE Internationale (class 4) OK biobased (S206)

Product	Gauge	Yield Sq. inch per Lb.
7500 Clear PLA	.0006	37,800

*Terms 1% 10 Net 30 days / Freight Prepaid on 1,000 lbs or more*

Properties	Units	Typical Values
Gauge	mil	60
Yield (+/- 10%)	in <sup>2</sup> /lb	37800
Tensile Strength	N/mm <sup>2</sup>	MD - 105 TD - 205
Elongation at break	%	MD - 190 TD - 90
COF		0.35
Haze	%	2.0
Gloss (45°)	Gloss Unit	80
Heat Seal Range	°C	85-140
Treatment Level	Dynes	≥ 37
WVTR @ 100°F (38°C), 90% RH	g/m <sup>2</sup> /24 hr	550
OTR @ 73°F (23°C), 0% RH	cc/m <sup>2</sup> /24 hr	1300

**Storage & Handling:** Flexible packaging films should be placed in the processing area 24 hours prior to processing to acclimatize. Even though this film does not require special storage conditions, it should be stored at a temperature lower than 86 degrees F, preferably 72 degrees F and 50% RH. Under suitable storage conditions, the film can be stored for a period of six months without any risk of deterioration. The customer is responsible for determining the shelf life of the packaged product.

**Printing / Lamination:** 7500 PLA can be converted by flexographic and rotogravure printing processes. It needs rather low drying temperatures and a high airflow for best print results. Ethyl Acetate should not be used as it will cause swelling effects and disintegration of the PLA. Any other solvents can be used. Contact your ink supplier and conduct appropriate tests before running.

*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.*