

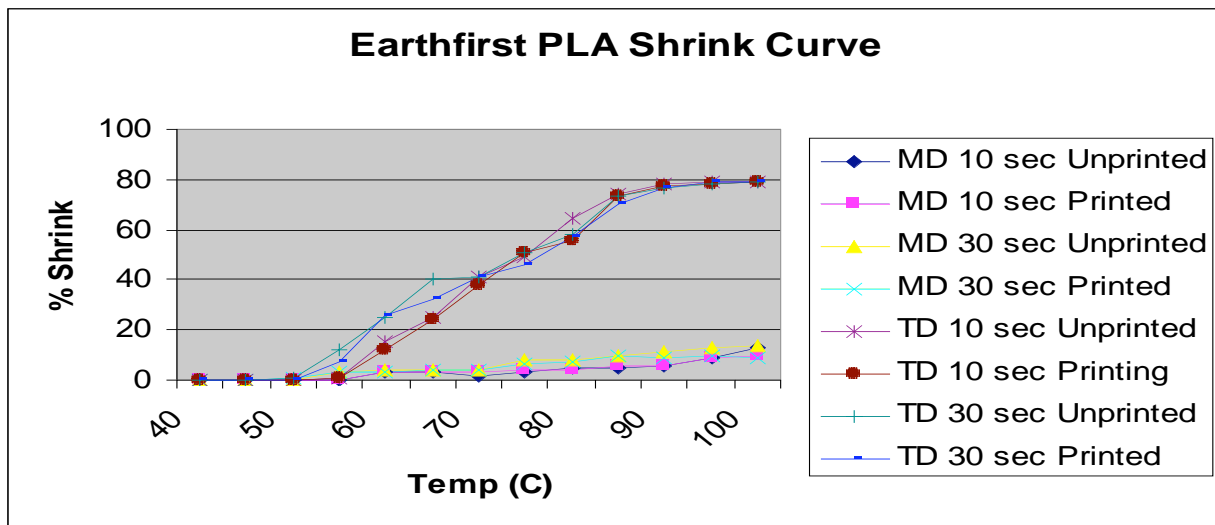


## Polylactic Acid (PLA) Shrink Sleeve Labels

Gilbreth EarthFirst® PLA Shrink sleeves are made of compostable, clear plastic film derived from an annually renewable resource: corn.

EarthFirst® Shrink sleeves labels has excellent clarity, printability and superior scuff resistance. Gilbreth Shrink sleeves manufactured using EarthFirst® films shrink at substantially lower temperatures allowing the user to enjoy savings in energy consumption and also increasing productivity.

Physical Properties	Unit	Typical Values	Test Method
Thickness	Mil Micron	2.0 50	ASTM D4321
Yield	In <sup>2</sup> /lb	11,072	ASTM D4321
Elongation at Break MD TD	%	290 100	ASTM D882
Tensile Strength	psi	8,000 26,000	ASTM D882
Shrinkage MD TD	%	5 75	Unrestrained in 185°F Water for 10 seconds
Haze	%	4	ASTM D1003
Gloss 60°	G.U>	110	ASTM D523





## **Handling and Storage**

### **PACKAGING AND LABELING**

Each roll is to be uniquely identified with information relating to lot, film type, thickness, width, length, net weight and roll identification number.

### **REGULATORY COMPLIANCE**

Read precautionary information and material safety sheets. This product is shipped in compliance with applicable laws and regulations regarding classification, packaging, shipping and labeling.

### **SHELF LIFE AND STORAGE**

Normal room temperatures, exposure to extremes of heat and cold should be avoided. Recommended storage range is 30° - 80° F, ideally below 77° F. Keep away from heat and sources of ignition. Avoid extremes and sudden changes of environment.

Direct sunlight should be avoided, as UV rays will cause deterioration of the mechanical and optical properties of the film. Keep away from toxic or odoriferous materials.

*The property values represented in these data sheets are presented in good faith. It is intended for use as a reference guideline. It is not a specification. As with all our products, Gilbreth Packaging recommends the end user thoroughly test for their actual end use conditions to assure compliance with customer requirements.*

***EarthFirst® is a registered trademark of Plastic Suppliers***