



ZEBRA

SUGGESTED APPLICATIONS

ThermaLock 4000D

FEATURES

- Direct thermal, premium, silver polypropylene label with a permanent acrylic adhesive
- Resistant to most chemicals
- Up to 18 months outdoor exposure
- Prints well at speeds up to 6 in/sec
- Meets FDA 175.105 for indirect food contact requirements
- Available in silver (10022704RM)

TEMPERATURE PERFORMANCE

Minimum Application Temperature	Service Temperature	Optimal Storage Conditions
25° F (-4° C)	-65° F to 248° F (-54° C to 120° C)	72° F (22° C) at 50% RH

- Labeling of packaging material including corrugate, plastic, glass, and metal



MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	Glossy silver polypropylene film	3.0 mil
Adhesive	Removable, acrylic-based	0.5 mil
Liner	40 lb. semi-bleached, kraft stock	2.3 mil
TOTAL ± 10%		5.8 mil

EXPECTED EXTERIOR LIFE

Up to 18 months

- Use in lawn and garden centers



CHEMICAL RESISTANCE

	Chemical	Direct Thermal
Weak	Blood	●
	Body Fluid	●
	Salt Water	●
	Water	●
	Window Cleaner	*
Moderate	Alcohol	*
	Ammonia	●
	Bleach	●
	IPA	*
Harsh	Gasoline	*
	Grease	NR
	Oil	NR
Extreme	Acetone	*
	IR Reflow	●
	MEK	*
	TCE	*
	Xylene	*

- Short term outdoor labeling



- Work in process labeling

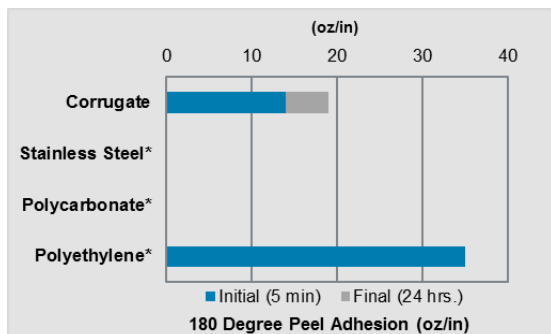


- Laboratory labeling



- Replacement of thermal transfer labeling applications

ADHESIVE STRENGTH



*Attraction between adhesive and surface is so great that the facestock rips.

● Recommended ● Test in Your Application NR Not Recommended

*These chemicals cause a temporary color change which reverses usually within 4 hrs when the chemical evaporates. Before using ThermaLock 4000D with chemicals, customer testing is recommended.

All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.

For more information, visit www.zebra.com/supplies

Product Performance and Suitability: The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.

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