



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

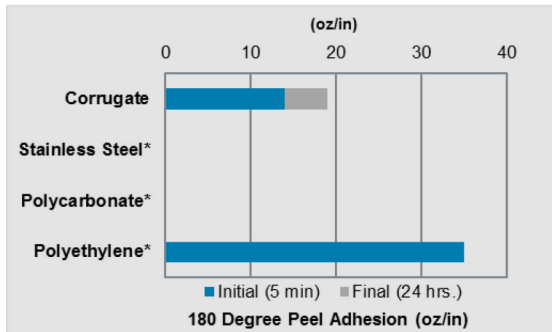


- Laboratory labeling



- 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.

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