

# THERMAFLEX LABELS



## Add the durability of thermal transfer labels to your mobile printer.

What are ThermoFlex Labels? ThermoFlex labels are an innovative label product that combines thermal transfer ribbons and labels into a single roll. This allows your customers to print durable thermal transfer labels from a direct thermal printer. ThermoFlex labels enable print of thermal transfer labels from mobile direct thermal printers.

### Markets for ThermoFlex Labels

- Field Services & Repair
- Warehouse & Distribution
- Horticulture
- Stevedoring
- Lumber Processing/Shipping
- Fleet Management
- Retail & Hospitality
- Outdoor Asset Tagging
- Healthcare and more...

## TECHNICAL INFORMATION

DOCUMENT			
<b>ITEM NO.</b>	DT-400250-BPR	<b>Labels per Roll</b>	180
<b>Type Finishing</b>	BOPP with resin ribbon	<b>Rolls per Box</b>	50
<b>Label size</b>	4" x 2.5" (101,6 x 63,5mm)	<b>Border &amp; Liner</b>	0.25+0.125" (6,35+ 3,175mm)

Facestock			
2.6 Mil Polypropylene Gloss or Matte White. A 2.6 mil heat set, biaxially oriented multilayer white polypropylene film (BOPP).			
Type	Film		
Tensile	MD:13000 Psi	CD:25000 Psi	
Dyne Level	FRONT: N/A	BACK: N/A	
Elongation	MD: 900	CD: 050	
Caliper	2.60 Mil		
Opacity	88.00%		
Corona	YES		
Temp. Range	Upper: N/A		
Regulatory Approvals	RoHS, REACH, CPSIA, Prop 65, TPCH, Indirect Food		

Product specifications are subject to change without notice.



## Benefits of ThermoFlex Labels

- More Durable – Thermal transfer labels are more resistant to UV, temperature, moisture, chemicals, scratches and smudges.
- Save on Ribbon Expenses – The ink is already on the label, so no need to buy separate ribbons.
- Flexibility – Labels can be printed using any thermal printer, including direct thermal and mobile printers.
- No Need to Match Ribbons and Labels – Eliminate the waste of mismatched ribbon/ label quantity or printing narrow labels with a wider ribbon.

## Resin Ribbon Specifications

Film Thickness	4.5 ± .30µ	Resistance	Text Quality	Very Good
Total Thickness	6.2 ± .50µ		Outdoor	Good
Maximum Print Speed	8 IPS	Chemical	Good	
Transmission Density	1.00 MacBeth Scale		Heat	Good
Image Darkness	>2.2RD	Abrasion	Very Good	
Compliance	REACH -SVHC Free, RoHS/WEEE, Ca Prop 65, Halogen Free			

## Adhesive

Clear acrylic adhesive featuring high initial tack, high shear & high ultimate adhesion with excellent clarity and minimum cold flow. UV, solvent, and occasional water and oil resistance. This is an acid free adhesive.

Coat Weight	Standard
App. Temp.	35°F
Service Temp.	-65°F to 160°F

Substrates	Dwell 10 Minutes	24 Hours
Stainless Steel	4.9 lbs/linear in.	5.6 lbs/linear in.
Glass	2.3 lbs/linear in.	2.8 lbs/linear in.
Polyethylene	2.6 lbs/linear in.	2.9 lbs/linear in.
Corrugated	3.9 lbs/linear in.	2.9 lbs/linear in.
Painted Metal	4.3 lbs/linear in.	4.3 lbs/linear in.

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