

# B324

THE HIGH PERFORMANCE SOLUTION



B324 High Performance Resin is a UL approved resin designed to work with most flat head thermal transfer printers in industrial conditions. B324 resin is a premium solution for the high durability labeling segment. It offers exceptional versatility over extremely broad range of high end paper and synthetic media. Excellent image density and edge definition with a low energy release combine to deliver a solid, single solution for today's high-end market segment.

## CHARACTERISTICS

- Revolutionary low print energy requirement
- Superb scratch resistance
- Great solvent resistance
- Dark dense print
- Compatibility to a wide range of synthetic and paper stocks
- Anti-static Printhead Saver coating for printhead protection.

## B324 RESIN IDEAL APPLICATIONS

- Chemical - drum labeling
- Industrial - steel works
- Electronic Components - Rating plates
- Automotive - component labeling

## ITW THERMAL FILMS

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TECHNICAL  
DATA SHEET

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## Premium Durable Resin

B324 is a thermal transfer ribbon which gives excellent performance on polyester and other plastics labels. This resin is formulated to meet excellent abrasion and solvent resistance and gives excellent print density and definition.

SPECIFIC FEATURES		
Excellent abrasion resistance, Excellent solvent resistance, High definition, High sensitivity, UL recognised		
RECOMMENDED SUBSTRATES		
Synthetic paper, Film (PET,PVC)		
RIBBON PROPERTY		
ITEM	VALUE	FEATURES CHART
Carrier	Polyester film	
Thickness of ribbon	< 9.0 um	
Color	Black	
Heat resistance coating	Silicone base	
Ink melting point	110 OC	
Optical density (Transmission)	> 0.9	
Optical Density (Reflection)	> 1.70	

This information is the best currently available on the subject. The results should, however, only be regarded as general guide to material properties and not as a guarantee.

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