

Wax Resin - Flat Head Thermal Transfer Ribbon



Extreme Series Wax Resin™

Engineered to provide optimum print quality

B120 Extreme ESM™ wax/resin has been specifically formulated to perform optimally in harsh work environments, where high durability is needed to maintain long-lasting print images. B120's high performance characteristics include: good durability to common agents; such as household cleaners, water and isopropylene (IPA), as well as providing superior abrasion, solvent and scratch resistance. B120 offers low energy release to deliver exceptional print density, excellent rotated bar codes and images on both paper and synthetic substrates.

Applications

Warehouse Healthcare Pharmaceutical Retail Horticulture Transportation Chemical Fresh Fruit/Produce Electronics Metals Lumber Industrial























Characteristics

Low printhead energy	
Abrasion resistance	•
Scratch resistance	•
Print flexibility	•
High density print	•
Chemical resistance to common agents	•
Chemical resistance to hazardous chemicals	
High speed	
Anti-static PrintheadSaver® coating for printhead protection	•
Applicable characteristics are indicated with dot	





B120

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Substrates

Papers	Coated
Synthetics	Polyester, Polyethylene, Polypropylene, PVC

Properties

Carrier	4 Fum Dalvastar film	
Carrier	4.5µm Polyester film	
Thickness	< 8.0 μm	
Color	Black	
Ink melting point	80°C	
Optical density (transmission)	> 0.90	
Optical density (reflective)	> 1.70	







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

Complete Range

ITW Thermal Films produce and supply a range of thermal ribbons for all applications. Contact us for further information on the B120 ribbon and our full product catalogue.

Resin Enhanced Wax For general purpose labelling Extreme Series Wax Resin™



Extreme Series Wax Resin™ For optimum print quality







Extreme Series Resin™ For demanding applications









For near edge or corner edge printers









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