

B121

B121

Wax/resin

FLEXIBLE ESM™



B121 Flexible ESM™ wax/resin is designed to give outstanding print density on the widest range of label materials at high speed while using minimal printhead energy. Designed for flathead thermal transfer printers, B121 is an excellent all around flexible wax/resin ribbon that produces dark, crisp bar codes and images and offers durability and scratch/abrasion resistance above a wax ribbon making it ideal for a wide assortment of applications.



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



Fresh Fruit & Produce



Healthcare



Horticulture/ Nursery



Pharmaceutical



Retail



Transportation



Warehouse

TW
Thermal Films

www.itwthermalfilms.com

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FLEXIBLESM™



Flat head range

RESIN ENHANCED WAX B220	ESM™ FLEXIBLE WAX/RESIN B121 DURABLE WAX/RESIN B128	ESR™ FLEXIBLE RESIN B325 DURABLE RESIN B324 EXTREME RESIN B813 EXTREME+ RESIN B814	FLEXIBLE WAX/RESIN B112 HIGH SPEED WAX/RESIN P110 WHITE WAX/RESIN P110W DURABLE RESIN P310	Near edge and corner edge
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Recommended substrates

Papers	Uncoated, Coated, Card
Synthetics	Polyester, Polyethylene, Polypropylene, PVC

Ribbon properties

Carrier	4.5µm Polyester film
Thickness	< 9.0µm
Color	Black
Ink melting point	80°C
Optical density (transmission)	> 1.00
Optical density (reflective)	> 1.70

ITW Thermal Films **USA**
 Romeo, Michigan, USA
 1 586 752 5553

ITW Thermal Films **Northern Europe**
 Leicester, United Kingdom
 44 0 116 240 6400

ITW Thermal Films **Southern Europe**
 Valenza, Italy
 39 0131 950202

ITW Specialty Films **Korea**
 Seoul, Korea
 82 2 2104 9200
 Chonan, Korea
 82 41 559 4100

ITW Thermal Films **China**
 Shanghai, China
 86 21 5430 5701

WAX/RESIN B121 FLEXIBLE	WAX/RESIN B128 DURABLE
Range selector	



This product is halogen free



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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