

B120

THERMAL TRANSFER RIBBON

Engineered to provide maximum versatility in thermal transfer printing

B120 is a versatile premium wax resin that was specifically formulated to print onto the widest range of materials across the widest range of applications. The ability to print onto a wide variety of media at high speeds and optimum settings combined with resistance to water, smearing, common agents and some solvents make this ribbon a match for any in its class.

WAX RESIN FLAT HEAD
WRFH

REQUEST A SAMPLE

ITW WAX RESIN FLAT HEAD RIBBONS

B121
VALUE

B120
FLEXIBLE

B128
DURABLE

CHARACTERISTICS

ENERGY



ABRASION RESISTANCE



HEAT RESISTANCE



SOLVENT RESISTANCE



LABEL ADAPTABILITY



PRINT DENSITY



FEATURES

Low printhead energy	●
Abrasion resistance	●
Scratch resistance	
Print flexibility	●
High density print	●
Chemical resistance to common agents	●
Chemical resistance to hazardous chemicals	
High speed	●
Wide working windows	●
Anti-static PrintheadSaver® coating	●

APPLICATIONS

CHEMICAL	INDUSTRIAL
ELECTRONICS	LOGISTICS
APPLIANCE	LUMBER
FRESH PRODUCE	PHARMA
FOOD	RETAIL
HEALTHCARE	AUTOMOTIVE
HORTICULTURE	



ITW
SHINEMARK

www.itwshinemark.com

B120

SUBSTRATES

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

PROPERTIES

Carrier	4.5µm Polyester film
Thickness	< 9.0 µm
Color	Black
Ink melting point	80°C
Optical density (transmission)	> 0.90
Optical density (reflective)	> 1.60



ISEGA



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

B220

EXTREME SERIES WAX RESIN™

For optimum print quality

B121

B128

B120

B120
R

EXTREME SERIES RESIN™

For demanding applications

B325

B325
W

B324

B324
R

D321

NEAR EDGE

For near edge or corner edge printers

B112

P110

P110
W

P114

P310

P311

AMER

40 E Newberry Rd,
Bloomfield, CT 06002
AMER.TTR@ITWShineMark.com

EMEA

Vitruvius Way,
Meridian Business Park
Leicester, LE19 1WA, UK
EMEA.INFO@ITWShineMark.com

APAC

112 Seonggeo-gil, Seonggeo-eup,
Seobuk-Gu, Chonan-si,
Chungchongnam-Do,
Korea 31044
WORLD.INFO@ITWShineMark.com

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