

# 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.



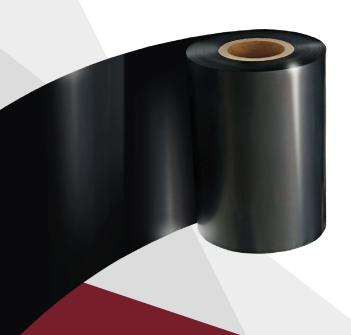
**REQUEST A SAMPLE** 

#### ITW WAX RESIN FLAT HEAD RIBBONS



B120

B128 DURABLE



#### **CHARACTERISTICS**

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







#### **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		







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	ENF	IAN	CED	WAX	
For ger	heral	nurr	oose	labelling	r



**EXTREME SERIES WAX RESINTM** 



For optimum print quality

B121

B128

B120

B120 R

**EXTREME SERIES RESIN™** 

For demanding applications

B325

**B325** W

**B324** 

**B324** D321

**NEAR EDGE** 

For near edge or corner edge printers

B112

P110

P110 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

Rev. 11.21

