

# B120

Wax/resin

EXTREME ESM™

printhead saver®

**EXTREME**  
SERIES



Flexible  
B121



Durable  
B128



**Extreme  
ESM™ B120**

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 provide 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.

## Characteristics

Low print headenergy

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



Chemical



Electronic



Fresh Fruit  
& Produce



Healthcare



Horticulture  
& Nursery



Industrial



Lumber



Metals



Pharmaceutical



Retail



Transportation



Warehouse

**TW**  
Thermal Films

[www.itwthermalfilms.com](http://www.itwthermalfilms.com)

# B120

Wax/resin

EXTREME **ESM**<sup>TM</sup>



Flat head range



## Recommended substrates

**Papers** Coated, Uncoated, Card,

**Synthetics** Polyester, Polyethylene, Polypropylene, PVC

## Ribbon properties

Carrier	4.5um Polyester film
Thickness	< 8.0 um
Color	Black
Ink melting point	80°C
Optical density (transmission)	> 1.20
Optical density (reflective)	> 1.90

### 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**

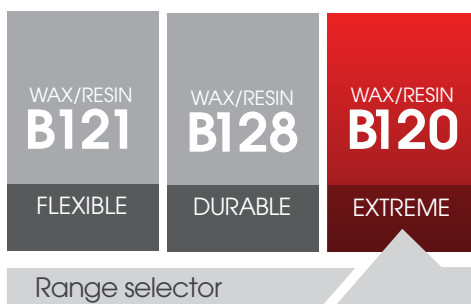
Valenza, Italy  
39 0131 950202

### 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



This product is halogen free



[www.itwthermalfilms.com](http://www.itwthermalfilms.com)



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