

B813

Resin - Extreme ESR™



Extreme Series Resin™

Designed to meet your most demanding applications

B813 is one of two high end resins designed for niche applications that require high durability resistance against hazardous chemicals. The B813 excels at abrasion and scratch resistance and has a high heat tolerance when compared to most resin ribbons in today's market.

Applications

Chemical
Electronics
Healthcare
Industrial
Lumber
Metals
Pharmaceuticals
Warehouse



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

Wide working windows

Anti-static PrintheadSaver® coating for printhead protection ●

Applicable characteristics are indicated with dot



B813

Resin - Extreme ESR™

Substrates

Papers	n/a
Synthetics	Polyester, Polyethylene, Polypropylene, PVC

Properties

Carrier	4.5µm Polyester film
Thickness	7.4 µm
Color	Black
Ink melting point	100°C
Optical density (transmission)	> 0.85
Optical density (reflective)	> 1.90



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 B813 ribbon and our full product catalog.

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

B324

B324
R

B325
W

B813

B814

D321

C5440

Near Edge

For near edge or
corner edge printers

B112

P110

P110
W

P310

Northern Europe

Vitruvius Way, Meridian Business Park

Leicester, LE19 1WA, UK

Tel: +44 (0) 116 240 6400 Fax: +44 (0)116 240 6401

sales@itwthermalfilms.co.uk

Southern Europe

Strada per Solero – Z.i. D4

15048 Valenza (AL), Italy

Tel: + 39 (0) 131 950202 Fax: +39 (0) 131 946029

info@itwthermalfilms.it

Spain/Portugal/Africa

Procelas-Cacheiras

15886 Teo - La Coruña, Spain

Tel: + 34 981 806339 Fax: + 34 981 806371

mmartins@itwfoils.es

The Americas

14981 32 Mile Road, Romeo, MI 48065

Tel: 586 752 5553 Fax: 586 752 3532

Toll Free: 877 TTR FILMS (877 887 3456)

info@itwthermalfilms.com

Asia / Pacific

Seoul, Korea, 5F Rocket Bldg. 747-29

Yeoksam-Dong, Kangnam-Ku, Seoul 135-080, Korea

Tel: +82 2 2104 9200 Fax: +82 2 2104 9299

info@itwfsk.co.kr

China

201, 2nd Bldg., No. 1507 Hong Mei Road South

Shanghai, 200237, China

Tel: +86 21 5430 5701 Fax: +86 21 5430 5709

info@itwthermalfilms.cn



www.itwthermalfilms.com