

B813

Resin

EXTREME ESR™



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.



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



Chemical



Electronics



Healthcare



Industrial



Lumber



Metals



Pharmaceutical



Warehouse

TW
Thermal Films

www.itwthermalfilms.com

B813

Resin

EXTREME ESR™

printhead saver®

Flat head range



Near edge and corner edge

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

ITW
Thermal Films

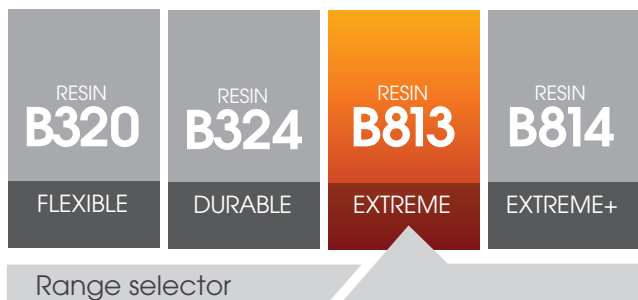
www.itwthermalfilms.com

Recommended substrates

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

Ribbon properties

Carrier	4.5µm Polyester film
Thickness	7.4µm
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