

B814

Resin

EXTREME PLUS **ESR™**



B814 Extreme Plus ESR™ resin ribbon provides unparalleled resistance in the harshest environments, and is the ESR™ resin ribbon of choice for your extreme-plus labeling market segments. B814 is particularly well-suited to work with high end synthetics and delivers exceptional durability to a wide range of chemicals.



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

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EXTREME PLUS **ESR™**

printhead saver®

Flat head range



Recommended substrates

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

Ribbon properties

Carrier	4.5µm Polyester film
Thickness	7.6µm
Color	Black
Ink melting point	100°C
Optical density (transmission)	> 0.80
Optical density (reflective)	> 2.10

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



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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