

B324

B324

Resin

DURABLE ESR™



B324 Durable ESR™ is a UL® recognized multi-purpose resin thermal transfer ribbon designed to work with most flat head technology printers in demanding industrial conditions. B324 prints extremely dense bar codes and high-resolution images on a wide variety of both paper and film media. B324's durable performance characteristics include its ability to withstand repeated exposure to chemicals such as isopropanol and brake fluid, making it an ideal choice for demanding applications in a wide range of high end market sectors.



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



www.itwthermalfilms.com

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DURABLESR™



Flat head range

RESIN ENHANCED WAX B220	ESM™ FLEXIBLE WAX/RESIN B121	ESR™ FLEXIBLE RESIN B325	Near edge and corner edge
	DURABLE WAX/RESIN B128	DURABLE RESIN B324	
	EXTREME RESIN B813	EXTREME+ RESIN B814	
	HIGH SPEED WAX/RESIN P110	WHITE WAX/RESIN P110W	
	DURABLE RESIN P310		

Near edge and corner edge

Recommended substrates

Papers	Coated
Synthetics	Polyester, Polyethylene, Polypropylene, PVC

Ribbon properties

Carrier	4.5µm Polyester film
Thickness	< 9.0µm
Color	Black
Ink melting point	110°C
Optical density (transmission)	> 0.90
Optical density (reflective)	> 1.70

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

RESIN B325	RESIN B324	RESIN B813	RESIN B814
FLEXIBLE	DURABLE	EXTREME	EXTREME+

Range selector



This product is halogen free



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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