

B324

THERMAL TRANSFER RIBBON

Engineered to provide high durability in thermal transfer printing

B324 is a UL approved multi-purpose resin ribbon designed to work with flat head technology printers in demanding industrial conditions. The most durable ribbon in the range, this high performance resin is designed for the most demanding applications.

B324's durable performance characteristics include its ability to withstand repeated exposure to chemicals such as isopropanol and brake fluid, as well as high temperature resistance, making it an ideal choice for demanding applications in a wide range of high end market sectors.

RESIN FLAT HEAD
RFH

REQUEST A SAMPLE

ITW RESIN FLAT HEAD RIBBONS

B325
FLEXIBLE

B325
WHITE
FLEXIBLE

B324
DURABLE

D321
TEXTILE

B324
RED
DURABLE

CHARACTERISTICS

ENERGY



ABRASION RESISTANCE



HEAT RESISTANCE



SOLVENT RESISTANCE



LABEL ADAPTABILITY



PRINT DENSITY



FEATURES

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 ●

APPLICATIONS

CHEMICAL

INDUSTRIAL

AEROSPACE

METALS

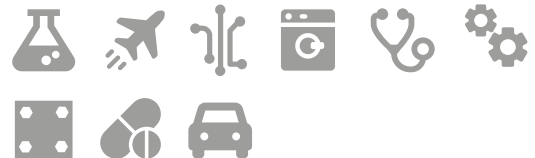
ELECTRONICS

PHARMA

APPLIANCE

AUTOMOTIVE

HEALTHCARE



ITW
SHINEMARK

B324

SUBSTRATES

Papers	-
Synthetics	Polyester, Polyethylene, Polypropylene, PVC

PROPERTIES

Carrier	4.5µm Polyester film
Thickness	< 9.0 µm
Color	Black
Ink melting point	110°C
Optical density (transmission)	> 0.80
Optical density (reflective)	> 1.50



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 B324 ribbon and our full product catalogue.

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

B325

B325
W

B324

B324
R

D321

NEAR EDGE

For near edge or corner edge printers

B112

P110

P110
W

P114

P310

P311

AMER

40 E Newberry Rd,
Bloomfield, CT 06002
AMER.TTR@ITWShineMark.com

EMEA

Vitruvius Way,
Meridian Business Park
Leicester, LE19 1WA, UK
EMEA.INFO@ITWShineMark.com

APAC

112 Seonggeo-gil, Seonggeo-eup,
Seobuk-Gu, Chonan-si,
Chungchongnam-Do,
Korea 31044
WORLD.INFO@ITWShineMark.com

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