

D321

Resin

TEXTILE RESIN

PrintheadSaver®

SPECIALITY RESINS



Textile
Resin



Color
Resin



Security
Resin

D321 Textile Resin is specially formulated for use on a wide range of care labels. D321 provides excellent resistance to dry cleaning, home washing, industrial washing and ironing. This speciality resin for textiles offers superb performance characteristics, and produces high definition, high density bar codes and images.

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



Textile

TW
Thermal Films

www.itwthermalfilms.com

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Resin

TEXTILE RESIN

printhead saver®

Speciality flat head resin range



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

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Recommended substrates

Synthetics Nylon, Polyester, Acetate

Ribbon properties

Carrier	Polyester film
Thickness	< 8.5µm
Color	Black
Heat resistance coating	Silicone base
Ink melting point	80°C
Optical density (transmission)	> 1.00
Optical density (reflective)	> 1.70
Ironing (150°C)	Excellent
Dry cleaning (ISO 105 D01)	Excellent
Washing (ISO 105 C06)	Excellent



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