

P311

THERMAL TRANSFER RIBBON

Developed for near edge and corner edge technology printers

P311 is a high speed low energy flexible resin formulated for online coders and near edge desktop applications where high volume labelling/coding applications are required and where durability is essential. P311 offers versatility over an extremely broad range of flexible films and labels.

RESIN NEAR EDGE
RNE

REQUEST A SAMPLE

ITW RESIN NEAR EDGE RIBBONS

P311
FLEXIBLE

P310
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

AEROSPACE INDUSTRIAL
FLEX PACKAGING LUMBER
APPLIANCE PHARMA
FRESH PRODUCE AUTOMOTIVE
FOOD TYRES
HEALTHCARE WAREHOUSE
HORTICULTURE



TW | Foils and Thermal Films

P311

SUBSTRATES

Papers	Coated, Card
Synthetics	Polyester, Polyethylene, Polypropylene, PVC

PROPERTIES

Carrier	4.5µm Polyester film
Thickness	< 9.0 µm
Color	Black
Ink melting point	95°C
Optical density (transmission)	> 0.90
Optical density (reflective)	> 0.90



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

COMPLETE RANGE

ITW Thermal Films produce and supply a range of thermal ribbons for all applications. Contact us for further information on the P311 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

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