

# P310

## THERMAL TRANSFER RIBBON

### Developed for near edge and corner edge technology printers

P310 is a near edge resin that has exceptional durability to abrasion and high chemical and heat resistance for the most demanding application. P310 is suited to smooth synthetic surfaces and produces crisp clean print definition.

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

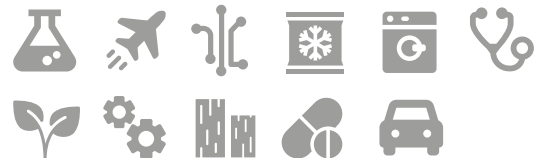
FOOD

TYRES

HEALTHCARE

WAREHOUSE

HORTICULTURE



**ITW**  
**SHINEMARK**

# P310

## SUBSTRATES

Papers	-
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)	> 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 P310 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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