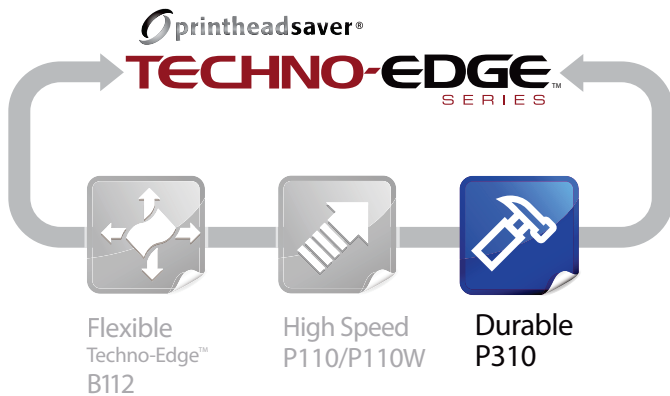


# P310

Resin

DURABLE TECHNO-EDGE™



P310 durable resin is formulated for online coders and some near edge desktop applications where excellent performance in harsh labeling environments, and high volume labeling applications is required. P310 is a high speed, flexible resin made for flexible packaging applications that require increased smudge and scratch resistance. This Techno-Edge™ resin ribbon offers outstanding performance characteristics on synthetic paper film (PET, PVC).



## 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



Flexible Packaging



Fresh Fruit & Produce



Healthcare



Pharmaceutical



Retail

**TW**  
Thermal Films

[www.itwthermalfilms.com](http://www.itwthermalfilms.com)

# P310

Resin

DURABLE TECHNO-EDGE™



Flat head range

RESIN ENHANCED WAX <b>B220</b>	ESM™ FLEXIBLE WAX/RESIN <b>B121</b>	ESR™ FLEXIBLE RESIN <b>B325</b>	Near edge and corner edge
	DURABLE WAX/RESIN <b>B128</b>	DURABLE RESIN <b>B324</b>	
	EXTREME RESIN <b>B813</b>	EXTREME+ RESIN <b>B814</b>	
	FLEXIBLE WAX/RESIN <b>B112</b>	HIGH SPEED WAX/RESIN <b>P110</b>	
	WHITE WAX/RESIN <b>P110W</b>	DURABLE RESIN <b>P310</b>	

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



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## Recommended substrates

Synthetics LDPE, MDPE, PET, PVC

## Ribbon properties

Carrier	Polyester film
Thickness	< 9.0µm
Color	Black
Ink melting point	70°C
Optical density (transmission)	> 0.90
Optical density (reflective)	> 1.80

WAX/RESIN <b>B112</b>	WAX/RESIN P110 WHITE WAX/RESIN <b>P110W</b>	RESIN <b>P310</b>
FLEXIBLE	HIGH SPEED	DURABLE
Range selector		



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