

# Spectral

## COLOR RESIN RANGE



Spectral color resin ribbons are specially formulated for use on most synthetic stocks including polyester, nylon and vinyl. These color resin ribbons are available in an array of colors and feature excellent performance characteristics including UV, scratch, smear and chemical (common agents) resistance. Spectral color resin ribbons are ideal for use in a wide variety of identification labeling, signage and warning labels.

### 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



Pharmaceutical



Healthcare



Electronics



Transportation



Retail



Industrial



Metals



Lumber



Horticulture



Chemicals

### Color Availability

ITW CODE	COLOR	PANTONE	
C5340	Warm Yellow	123C	
C5140	White		
C5440	Brick Red	187C	
C5640	Blue	294C	
C5740	Green	3415C	
C5441	Magenta	233C	



Thermal Films

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

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## COLOR RESIN RANGE

## 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

<b>Carrier</b>	Polyester film
<b>Thickness</b>	< 8.5µm
<b>Color</b>	Warm Yellow, White, Brick Red, Blue, Green, Magenta
<b>Heat resistance coating</b>	Silicone base
<b>Ink melting point</b>	80°C
<b>Optical density (transmission)</b>	> 1.00
<b>Optical density (reflective)</b>	> 1.70



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