



## Thermal Transfer Ribbon Technical Data Sheet

# M295HD High Density Near Edge Wax/Resin

## Product Description

This wax/resin is one of the darkest near edge ribbons for flexible packaging applications. With print speeds of up to 26 IPS (660mm per second) combined with its extreme darkness, this ribbon is the clear choice for any high-speed flexible packaging application. Its ability to adhere to a variety of substrates makes it an easy to use, drop-in ready product. With our exclusive backcoat technology and anti-static properties for maximum printhead protection, this wax/resin ribbon is the ideal choice for a wide range of flexible

## Recommended Applications



BEVERAGES



CONDIMENTS



COSMETICS



FLEXIBLE  
PACKAGING



PHARMACEUTICAL



PRODUCE



RETAIL



SNACK FOODS

## Recommended Substrates

Polyester, polyethylene, polyolefin, polyethylene, nylon

## Performance Characteristics

- Anti-static
- FDA (indirect food contact)
- Halogen-free
- High-density
- Printhead protection
- Proprietary backcoat



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### Ribbon Properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	8.2 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer
Ink Thickness	3.4 ± 0.2μ	Micrometer
Ink Melting Point	84°C (183°F)	Differential Scanning Calorimeter

### Conversion Chart

Millimeters (mm) to Inches = $\text{mm} \div 25.4$	Inches to Millimeters (mm) = $\text{Inches} \div 0.03937$
Meters (m) to Feet (ft) = $\text{m} \div 0.3048$	Feet (ft) to Meters (m) = $\text{Feet} \div 3.2808$
C° to F° = $(1.8 \times \text{C}^\circ) + 32 = \text{F}^\circ$	F° to C° = $(\text{F}^\circ \div 1.8) - 17.77$
Thousand square inches (MSI) to m <sup>2</sup> = $\text{MSI} \times 0.645$	MSI = $\text{m}^2 \div 0.645$

Technicode, Inc  
44486 Broadmoor Blvd., Suite 300,  
Northville, Michigan, 48168  
Off 800 919-7480 Fax 734 459-9808  
technicodesales@technicodelabels.com  
www.technicodelabels.com