

# ITW B220 WAX/RESIN

## High sensitivity premium wax

B220 is a thermal transfer ribbon which gives excellent performance on a wide variety of labels. The resin enhanced premium wax is designed to operate at low energy and the high sensitivity ink gives excellent print density and definition.

## Smudge resistance

B220 is a premium wax grade that has been enhanced for increased print performance. A high carbon content ensures a sharp, crisp, black image - crucial for the high quality of barcodes, text and graphics. B220 has been developed to perform upon an extremely broad range of plain and coated paper. Excellent image density and edge definition, with a low energy release, combine to deliver a solid,

single solution for today's high-volume market segment.

## Characteristics

- Revolutionary low print energy requirement.
- Superb scuff resistance.
- 'Drop in' product to all competitors waxes.
- Dark dense print.
- Compatibility to a wide range of paper stocks.
- Anti-static Printhead Saver coating for printhead protection.

## Ribbon performance



**General Purpose**

### General purpose



### Smear resistance



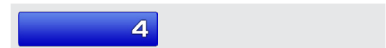
### Scratch resistance



### Chemical and solvent resistance



### Heat resistance



## Technical Specification

### Properties

Ink Type: Resin enhanced Wax  
 Melting Point: 70°C (158°F)  
 Back Coating: Silicone based  
 Ribbon Thickness: 8 µm max.  
 Optical Density Reflection: 1.9 min.  
 Print Speed: 12 ips max. (304 mm/s)

### Colours

Black

### Recommended substrates

Rough paper  
 Plain paper  
 Tag  
 Coated paper  
 Synthetic paper  
 Film (PET, PVC)

## Regulatory information

### RoHS - Restriction of Hazardous Substances

The ribbon does not contain any hazardous substances mentioned in the EU Directive 2002/95/EC.

