

# FDF10

## PREMIUM FLAT HEAD WAX

### PRODUCT DESCRIPTION

This grade is a premium wax ribbon, designed to give outstanding print performance on plain and coated papers. This wax is recommended for applications where price is the main factor. It offers a black, crisp and bold print making it an ideal product for standard printing applications that require a low level of durability to the printed image. The low level of printhead energy required to transfer the ink makes this wax a drop-in replacement product for other waxes available in the market and will offer a good performance on all types of flat head technology printers. With print performance at speeds of up to 10" per second, at low printhead energy, this wax maintains excellent quality on low cost substrates. This wax also has the additional advantage of being ISEGA approved for use when the printed image comes into contact with non-fatty foodstuffs.

### RECOMMENDED SUBSTRATES

Vellum, uncoated, matt coated, semi-gloss, tag board

### PERFORMANCE PROPERTIES

#### PRINT SENSITIVITY



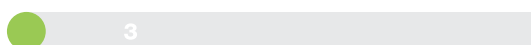
#### HEAT RESISTANCE



#### ABRASION RESISTANCE



#### SOLVENT RESISTANCE



#### LABEL ADAPTABILITY



LOW    MEDIUM    HIGH

### TYPICAL APPLICATIONS



LOGISTICS



RETAIL



GENERAL



INVENTORY



PRODUCT ID



SHIPPING



NUMBER PLATES



# FDF10

## PREMIUM FLAT HEAD WAX

### PERFORMANCE CHARACTERISTICS

- Ideal for coated and uncoated papers
- Excellent print quality at high speeds (up to 10"/second)
- Excellent print definition for clean, durable and dense barcodes
- Drop-in product to competitors wax ribbons
- Very low printhead energy requirements
- ISEGA certification
- Available from stock for all popular printers
- Very competitively priced

### Flat Head Technology Grades\*

|              |  |
|--------------|--|
| <b>FDF10</b> | <b>Premium Wax</b><br>Best choice for general purpose labelling                                |
| <b>FDF11</b> | <b>High Performance Wax</b><br>General purpose labelling with extra durability                 |
| <b>FDF20</b> | <b>Premium Wax Resin</b><br>Great print performance with very good durability                  |
| <b>FDF21</b> | <b>High Performance Wax Resin</b><br>Great print performance with excellent scratch resistance |
| <b>FDF30</b> | <b>Premium Resin</b><br>Extra scratch resistance on synthetic labels                           |
| <b>FDF31</b> | <b>Premium Textile Resin</b><br>Excellent print on textiles with wash resistance               |

\*These ribbon grades are for use with flat head technology printers. We also offer ribbons grades for near edge technology printers and thermal transfer coders.

FDF10

PREMIUM FLAT HEAD WAX

| RIBBON SPECIFICATIONS  |                               |
|------------------------|-------------------------------|
| DESCRIPTION            | TECHNICAL                     |
| BASE FILM CARRIER      | 4.5 Micron Polyester          |
| TOTAL RIBBON THICKNESS | 7.3 Microns +/- 0.02          |
| INK TYPE               | Wax<br>(flat head technology) |
| COLOUR                 | Black                         |
| INK MELTING POINT      | 65°C                          |
| DENSITY                | 1.9                           |

| RIBBON STORAGE CONDITIONS |                              |
|---------------------------|------------------------------|
| DESCRIPTION               | TECHNICAL                    |
| TEMPERATURE               | 5°C to 35°C (41F to 95F)     |
| HUMIDITY                  | 10% to 85% relative humidity |
| LIGHT                     | Avoid direct sunlight        |

| CERTIFICATIONS AND APPROVALS   |   |
|--------------------------------|---|
| DESCRIPTION                    | TECHNICAL   |
| ISO 9001:2015 & ISO 14001:2015 | All ribbons have been manufactured to these international quality standard  |
| RoHs/WEEE                      | EC directives 2012/19/EU and 2011/65/EU, compliance to the limitation of dangerous substances in electrical and electronics equipment |
| HEAVY METALS                   | 94/62/EC & 2011/65/EU   |
| TSCA/CP 65                     | The ribbon does not contain any of the substances on this list  |
| AMES TEST                      | The ribbon is not mutagenic, does not cause DNA modifications   |
| EC DIRECTIVES                  | 1999/45/EC and 2001/59/EC. This ribbon does not contain any substance classified as dangerous for health                              |
| FOOD CONTACT                   | 1935/2004/EC  |
| REACH/SVHC                     | Does not contain any of the SVHCs listed - 1907 / 2006/EC   |
| DISPOSAL                       | To be disposed of as mixed industrial waste   |

This information is the best available on the above ribbon grade. These results should, however, only be regarded as a general guide to material properties and is not a guarantee.



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