



# RT210

## HIGH PERFORMANCE FLAT HEAD WAX RESIN

### PERFORMANCE CHARACTERISTICS

- High levels of print durability
- Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- Dark, dense images for reliable printing
- Prints at high speeds delivering crisp, rotated barcodes
- Dissipates static
- Heat resistant up to 120°C on certain materials
- Features enhanced printer performance
- Meets BS5609 standards with certain label materials
- Excellent replacement grade for Ricoh B110A

### Flat Head Technology Grades\*

|              |  |
|--------------|--|
| <b>RT100</b> | <b>Premium Wax</b><br>Best choice for general purpose labelling                                |
| <b>RT110</b> | <b>High Performance Wax</b><br>General purpose labelling with extra durability                 |
| <b>RT200</b> | <b>Premium Wax Resin</b><br>Great print performance with very good durability                  |
| <b>RT210</b> | <b>High Performance Wax Resin</b><br>Great print performance with excellent scratch resistance |
| <b>RT300</b> | <b>Premium Resin</b><br>Extra scratch resistance on synthetic labels                           |
| <b>RT320</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.

### RIBBON SPECIFICATIONS

| DESCRIPTION            | TECHNICAL                           |
|------------------------|-------------------------------------|
| BASE FILM CARRIER      | 4.5 Micron Polyester                |
| TOTAL RIBBON THICKNESS | 6.8 Microns +/- 0.02                |
| INK TYPE               | Wax/Resin<br>(flat head technology) |
| COLOUR                 | Black                               |
| INK MELTING POINT      | 75°C                                |
| DENSITY                | 1.8                                 |

### 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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