

RT470

SPECIALTY NEAR EDGE WAX RESIN

PRODUCT DESCRIPTION

This near edge wax resin grade is the new generation of ribbon designed for higher levels of durability to the printed image. It features improved quality, allowing for higher print speeds, improved durability and blackness of print. It is especially suited to printing on packaging films and is compatible with all near edge printers but especially effective on coders such as Videojet™ Dataflex™, ICE™ Zodiac™ and Markem™ Smartdate™. This grade offers bolder, blacker prints at speeds up to 24 inches per second, making it one of the highest speed coding ribbons in the market. An added feature is that this grade will print at the standard darkness setting for most coders, so no printer adjustment is necessary.

RECOMMENDED SUBSTRATES

Coated papers, Polypropylene and polyester, most types of packaging films

PERFORMANCE PROPERTIES

PRINT SENSITIVITY

9

HEAT RESISTANCE

7

ABRASION RESISTANCE

10

SOLVENT RESISTANCE

6

LABEL ADAPTABILITY

10

LOW

MEDIUM

HIGH

TYPICAL APPLICATIONS



PRODUCT ID



GENERAL



HORTICULTURE



RETAIL



HEALTHCARE

FLEXIBLE
PACKAGING

PHARMACY



RT470

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PERFORMANCE CHARACTERISTICS

- Very high printing speed - up to 24 IPS
- Great for various packaging films
- Great for printing darker images on coloured packaging films
- Specially designed for in-line coders
- High degree of durability
- Unique backcoating allows reliable and superior matching qualities with the thermal head
- Drop-in replacement grade for Markem, ICE & Videojet

Near Edge Technology Grades*

RT400	High Performance Wax Resin Very versatile for all types of labels and packaging films
RT400X	High Performance Wax Resin Coated on 4.0-micron film for longer length ribbons
RT470	Specialty Wax Resin For extra durability and higher print speeds
RT530	Specialty Resin Extra durability to heat and abrasion with high print speeds

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

RIBBON SPECIFICATIONS	
DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	7 Microns +/- 0.02
INK TYPE	Wax/Resin (near edge technology)
COLOUR	Black
INK MELTING POINT	70°C
DENSITY	1.9

RIBBON STORAGE CONDITIONS	
DESCRIPTION	TECHNICAL
TEMPERATURE	5°C to 40°C (41F to 104F)
HUMIDITY	10% to 90% 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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