

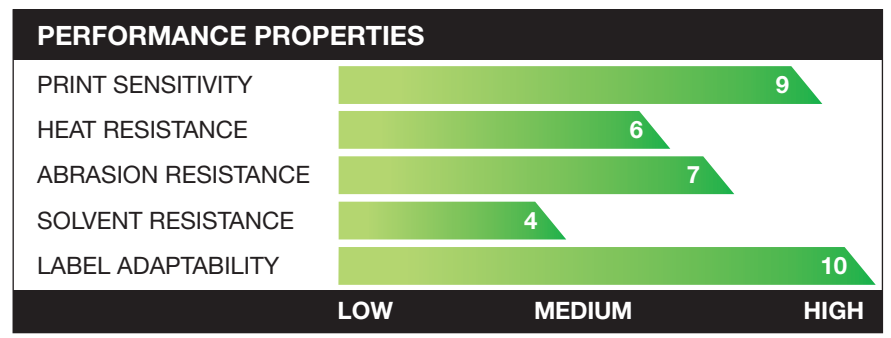
POL31

PRODUCT DESCRIPTION

This grade is a high performance resin enhanced wax ribbon, the ideal choice for a wide range of applications, ranging from uncoated paper to synthetic label stock. The special ink formulation and unique back coating ensure an excellent antistatic ribbon, ideal for printing RFID labels, and extending print head life. With print speeds of up to 12 inches per second this wax ribbon provides dark, durable images, with crisp rotated bar codes, text and graphics. It has the additional benefits of flexibility and durability, allowing slot in replacement for other premium wax products without the need for printer setting adjustment. This wax also has the additional advantage of being ISEGA approved for use when the printed image comes in contact with non-fatty foodstuffs. It is available from stock in a wide range of sizes suitable for use on all flathead technology printers.

RECOMMENDED SUBSTRATES

Vellum, uncoated papers, semi gloss & full gloss papers, tag board, synthetic paper, polyethylene, polypropylene, flood-coated paper, UV varnished labels.



EXAMPLES OF TYPICAL APPLICATIONS

PHARMACY	SHELVING	LOGISTICS	RETAIL	GENERAL	INVENTORY
PRODUCT ID	SHIPPING	HORTICULTURE	NUMBER PLATES	RFID	SIGNAGE

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PERFORMANCE CHARACTERISTICS

- > Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- > Prints at high speeds (12 IPS)
- > Dark, dense images for improved scan rates
- > Crisp, rotated bar codes
- > Dissipates static – ideal for RFID labels
- > Enhanced smudge and scratch resistance
- > Superior print quality on flood-coated labels
- > Easy to use slot in replacement for other wax grades



RIBBON SPECIFICATIONS	
DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	8.6 Microns
INK TYPE	Resin Enhanced Wax (flat head technology)
COLOUR	Black
INK MELTING POINT	65°C
DENSITY	2.7

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 9001:2000 & ISO 14001:2004 BRC-Global standards for packaging RoHs/WEEE	All ribbons have been manufactured to these international quality standard EC directives 2002/65 and 2002/96, compliance to the limitation of dangerous substances in electrical and electronics equipments
HEAVY METALS	EC 98/638
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
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.



BS 5609



Print On Labels Limited, Chaffes Lane,
Upchurch, Kent ME9 7BG

t: 01634 369027 • 07526 558991

e: sales@printonlabels.co.uk

www.printonlabels.co.uk

