

DPR30

PRODUCT DESCRIPTION

This premium grade is a high speed near edge resin capable of quality printing at 26 IPS (660mm per second) making this ribbon the choice for high-speed flexible packaging applications demanding more durability than other wax resin grades. In addition to printing very well on all types of flexible packaging films it also offers great print performance on uncoated papers and medical papers with great durability. In addition to its high performance this grade outperforms the competition in abrasion resistance, and is the solution to applications such as parts packaging, medical devices, cosmetics, healthcare, and pharmaceuticals where that extra print durability is required. It is designed with a unique anti-static and backcoat system to protect printheads and extend printhead life. It has great ink definition that produces dark, dense images for improved scan rates.

RECOMMENDED SUBSTRATES

Medical paper, coated and uncoated papers, polypropylene, polyethylene, polyolefin, nylon, and polyester films



PERFORMANCE PROPERTIES

PRINT SENSITIVITY	8
HEAT RESISTANCE	8
ABRASION RESISTANCE	9
SOLVENT RESISTANCE	7
LABEL ADAPTABILITY	9
	LOW MEDIUM HIGH

EXAMPLES OF TYPICAL APPLICATIONS



LOGISTICS



SHIPPING



HEALTHCARE



PRODUCT ID



GENERAL



SHELVING



RETAIL


ASSET
TRACKING


INVENTORY



HORTICULTURE



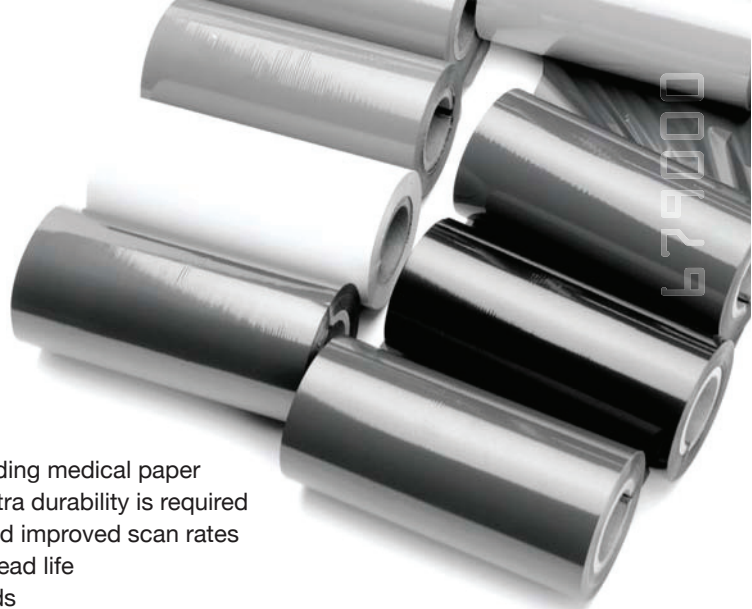
PHARMACY


FLEXIBLE
PACKAGING

DPR30

PERFORMANCE CHARACTERISTICS

- > Extremely fast print speeds up to 26 IPS (660mm per second)
- > Superior abrasion resistance
- > Prints on a wide range of receiver materials including medical paper
- > Excellent for in line coding applications where extra durability is required
- > Excellent ink definition for dark, dense images and improved scan rates
- > Anti-static for easy handling and extended printhead life
- > Manufactured to BRC Global packaging standards
- > Drop in replacement grade for other high performance resin grades



RIBBON SPECIFICATIONS	
DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	5.95 Microns
INK TYPE	Resin (near edge technology)
COLOUR	Black
INK MELTING POINT	81°C
DENSITY	1.4

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.



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