

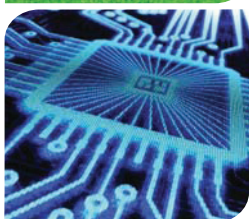
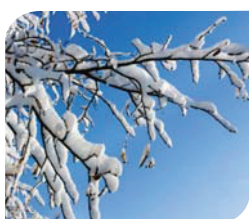
# DPR10

## PRODUCT DESCRIPTION

This super high performance resin grade is manufactured using innovative ink technology to offer an excellent solution on the widest range of receiver materials. Traditionally, applications requiring maximum durability have required the possible use of various grades of resin ribbon. With this grade most applications, including steam resistance, can be met with one single resin product. This grade combines low print energy with fast speeds to give crisp, dark prints on receiver materials extending from coated paper through to high end synthetics making it an extremely versatile product. This grade is also UL recognised/CSA approved and can be confidently specified with a wide range of proprietary label brands. This grade also offers the advantage of being Halogen free making it an ideal product for use in industries which have banned the use of Halogens.

## RECOMMENDED SUBSTRATES

Coated paper, synthetic paper, polyolefin, polyester, polypropylene, polyethylene, Vinyl.



## PERFORMANCE PROPERTIES

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

## EXAMPLES OF TYPICAL APPLICATIONS



AUTOMOTIVE



OUTDOOR



HEALTHCARE



SHRINK WRAP



GENERAL



AGENCY



CIRCUIT BOARD



ASSET TRACKING



ELECTRONIC COMPONENTS



CHEMICAL DRUM



EXTREME ENVIRONMENT



SIGNAGE

# DPR10

## PERFORMANCE CHARACTERISTICS

- > Low printhead energy, extra advantage for a resin ribbon
- > Excellent durability for chemical and industrial applications
- > Extensive abrasion, steam and heat resistance
- > Halogen Free
- > Resistant to a wide range of chemicals and solvents
- > Print quality at high speeds up to 204 mm/sec
- > Excellent print definition for clean, durable and dense bar codes
- > UL/CSA approved



RIBBON SPECIFICATIONS		RIBBON STORAGE CONDITIONS	
DESCRIPTION	TECHNICAL	DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester	TEMPERATURE	5°C to 35°C (41F to 95F)
TOTAL RIBBON THICKNESS	5.8 Microns	HUMIDITY	10% to 85% relative humidity
INK TYPE	Resin (flat head technology)	LIGHT	Avoid direct sunlight
COLOUR	Black		
INK MELTING POINT	70°C		
DENSITY	2.0		

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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