

PLR20

PRODUCT DESCRIPTION

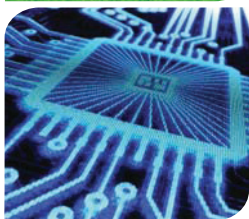
This resin grade is the recommended ribbon where durability of the printed image is required. It offers excellent scratch resistance, and is noted for its adaptability and excellent print performance over a wide variety of media.

It has been engineered to give maximum performance over a wide range of energy settings, making for easy change with other resin products with little or no printer adjustment required. This resin offers the blackest of prints and maximum scratch resistance, with possible print speed up to 300mm/sec.

A premium backcoat technology ensures maximum printhead protection extends print head life. This grade can be confidently specified with a wide range of proprietary label brands and on all types of flat head technology printers.

RECOMMENDED SUBSTRATES

Coated and synthetic papers, polyethylene, polypropylene, polyester, polyvinylchloride



PERFORMANCE PROPERTIES

PRINT SENSITIVITY	9
HEAT RESISTANCE	8
ABRASION RESISTANCE	8
SOLVENT RESISTANCE	6
LABEL ADAPTABILITY	9
	LOW MEDIUM HIGH

EXAMPLES OF TYPICAL APPLICATIONS



AUTOMOTIVE



OUTDOOR



HEALTHCARE



SHRINK WRAP



GENERAL



GENERAL



ASSET
TRACKING



ELECTRONIC
COMPONENTS



CHEMICAL
DRUM



SIGNAGE

PLR20

PERFORMANCE CHARACTERISTICS

- > Super Scratch resistance
- > Low printhead energy required
- > Ideal choice for general high durability labelling applications
- > Ideal for rating plates, automotive, outdoor, pharmaceutical labels
- > High speed printing up to 12" inches per second
- > ISEGA certification



RIBBON SPECIFICATIONS	
DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.5 Micron Polyester
TOTAL RIBBON THICKNESS	6.7 Microns
INK TYPE	Resin (flat head technology)
COLOUR	Black
INK MELTING POINT	70-80°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 9001:2000 & ISO 14001:2004	All ribbons have been manufactured to these international quality standard
RoHs/WEEE	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.



Pentolabel

Identificatie Oplossingen

Mon Plaisir 89c, 4879 AM Etten-Leur, Nederland
 T: +31 076 889 0943 | E: sales@pentolabel.nl
www.pentolabel.nl

