

GPX10

GENERAL PURPOSE

PRODUCT DESCRIPTION

GPX10 is the industry's leading wax product. Since it was first introduced on the European market in November 2000, it has been widely used and acclaimed as the premier wax ribbon. A true high performance resin enhanced wax which is versatile enough to print on a wide range of label materials ranging from vellum to low-end synthetics like PE and PP materials. It features SmoothCoat® backcoat technology, which combined with the unique ink formulation of GPX10, dissipates static and friction allowing for low energy printing and unparalleled print head protection. No other wax product beats GPX10 when it comes to Edge Definition™ for crisp rotated bar codes and dark durable images. The chemical nature of the ink allows printing at up to speeds of 250mm per second.

RECOMMENDED SUBSTRATES

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, polyolefin, Kimdura®, Valeron®, Polyart®, gloss paper, flood-coated paper, UV varnished labels



GPX10 PROPERTIES

PRINT SENSITIVITY	9
HEAT RESISTANCE	6
ABRASION RESISTANCE	8
SOLVENT RESISTANCE	5
LABEL ADAPTABILITY	8

RECOMMENDED APPLICATIONS



OTHER GRADES WITHIN THE ADVANTAGE RIBBON PRODUCT RANGE:

Flat Head Technology Printers



Near Edge Technology Printers

For more product information and a list of compatible printers visit www.ttr-extra.com



PERFORMANCE CHARACTERISTICS

- > 4 million linear inch guarantee
- > Prints on a wide variety of substrates from uncoated papers to mid-range synthetic films
- > Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- > Dissipates static
- > Enhanced smudge and scratch resistance
- > Superior print quality on flood-coated labels
- > Unbeatable Edge Definition™ for dark, dense images and improved scan rates

GPX10 SPECIFICATIONS		PERFORMANCE OF PRINTED IMAGE	
DESCRIPTION	TECHNICAL	DESCRIPTION	TECHNICAL
INK	wax	ABRASION	55 cycles @ 900g
COLOUR	black	WATER	1000 cycles @ 248g
INK THICKNESS	3.2 micron	IPA	30 cycles @ 248g
BASE FILM THICKNESS	4.8 micron	BRAKE FLUID	10 cycles @ 248g
INK MELTING POINT	75C	HEAT RESISTANCE	<70C
DENSITY	>1.8	PRINT SPEED	2 to 12 IPS

GPX10 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 equipment.
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

GPX10 RIBBON STORAGE CONDITIONS	
DESCRIPTION	TECHNICAL
TEMPERATURE	5°C to 35°C (41F to 95F)
HUMIDITY	10% to 85% relative humidity
LIGHT	Avoid direct sunlight
SHELF LIFE	24 months under approved conditions

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.



TTS

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