

NEX20

NEAR EDGE

PRODUCT DESCRIPTION

NEX20 is the best ribbon on the market for desktop & industrial thermal transfer printers equipped with near edge or corner edge printheads. This ribbon prints dark images at high speeds and low energy settings on a wide variety of label and tag stocks from paper to low-end synthetics, making it one of the most versatile and sought after near edge products. This ribbon uses a specially formulated backcoat technology for printhead protection as well as exclusive anti-static properties for easy handling and extra printhead protection. This premium ribbon has been engineered to perform optimally at a wide range of energy settings making it easy to interchange with most other near edge wax resin ribbons on the market with little or no printer adjustment. NEX20 can easily handle the demands of high speed printing, offering excellent print quality at speeds of up to 300mm / second. NEX20 is the first choice for use on printers such as the Toshiba™ Tec and Avery™ range of near edge technology printers.

RECOMMENDED SUBSTRATES

Coated/uncoated papers and tags, gloss paper, polyethylene, polyolefin, Tyvek®, Tyvek Brillion®, Kimdura, Valeron®, Polyart®



NEX20 PROPERTIES

PRINT SENSITIVITY	8
HEAT RESISTANCE	6
ABRASION RESISTANCE	7
SOLVENT RESISTANCE	6
LABEL ADAPTABILITY	8

RECOMMENDED APPLICATIONS



GENERAL



SHIPPING



INVENTORY



LOGISTICS



PRODUCT ID



HEALTHCARE



SHELVING



PHARMACY



RETAIL



HORTICULTURE



SHRINK
WRAP



ASSET
TRACKING

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

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PERFORMANCE CHARACTERISTICS

- > Excellent images on a wide variety of label and tag stocks
- > Anti-static for easy handling and extended printhead life
- > (DNP's?) specially formulated backcoating for printhead protection
- > Specially formulated for shrink-wrapping applications
- > Unbeatable Edge Definition™ for dark, dense images and improved scan rates
- > Great choice for use on Toshiba Tec & Avery near edge technology printers

NEX20 SPECIFICATIONS		PERFORMANCE OF PRINTED IMAGE	
DESCRIPTION	TECHNICAL	DESCRIPTION	TECHNICAL
INK	wax resin	ABRASION	150 cycles @ 900g
COLOUR	black	WATER	1000 cycles @ 248g
INK THICKNESS	1.5 micron	IPA	120 cycles @ 248g
BASE FILM THICKNESS	4.6 micron	BRAKE FLUID	10 cycles @ 248g
INK MELTING POINT	75C – 80C	HEAT RESISTANCE	<70C
DENSITY	>1.85	PRINT SPEED	2 to 12 IPS

NEX20 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

NEX20 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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