

SDX20

SUPER DURABILITY

PRODUCT DESCRIPTION

SDX20 is one of the products by DNP that form the most elite resin ribbon offering in the industry. The extensive label adaptability and high print speed capability of SDX20 (R300) makes it the most diverse resin of its kind. It outperforms the competition in abrasion and solvent resistance, uses less print energy and is designed with DNP's standard anti-static and backcoat properties to protect printheads and extend printhead life. Like all DNP ribbons, R300 is an industry leader in Edge Definition™ producing dark, dense images for improved scan rates. UL recognized/CSA approved SDX20 can be confidently specified with a wide range of proprietary label brands

RECOMMENDED SUBSTRATES

Polypropylene, polyethylene, polyolefin, vinyl, polyester

SDX PROPERTIES

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

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

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SDX20 SPECIFICATIONS		PERFORMANCE OF PRINTED IMAGE	
DESCRIPTION	TECHNICAL	DESCRIPTION	TECHNICAL
INK	resin	ABRASION	200 cycles @ 900g
COLOUR	black	WATER	1000 cycles @ 248g
INK THICKNESS	1.2 micron	IPA	1000 cycles @ 248g
BASE FILM THICKNESS	4.8 micron	BRAKE FLUID	300 cycles @ 248g
INK MELTING POINT	86C	HEAT RESISTANCE	<70C
DENSITY	>1.8	PRINT SPEED	2 to 12 IPS

SDX20 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

SDX20 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