

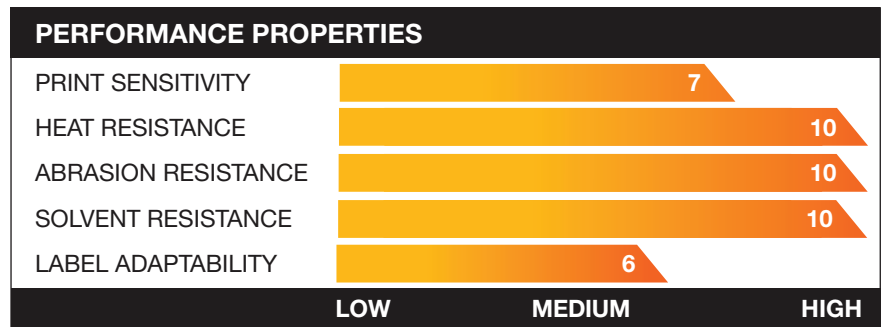
# SDX40

## PRODUCT DESCRIPTION

This grade is the toughest resin ribbon on the market. It offers an unmatched level of performance and is capable of handling extreme environmental labelling with scratch and solvent resistance, unmatched by any of its rivals. UL recognised and CSA approved this grade can be confidently specified with a wide range of proprietary label brands, and meets the demands of a wide range of high specification environments such as chemical drums, circuit boards, electronic components, healthcare, hazardous materials and extreme temperature conditions. This grade of resin offers the highest degree of heat and solvent resistance and can be used in most types of flat head technology printers. It does require a high printer setting to help transfer this very durable ink so is best suited for low volume applications.

## RECOMMENDED SUBSTRATES

Top-coated vinyl, polyimide, polyesters, PVC cards, PET cards



## EXAMPLES OF TYPICAL APPLICATIONS

 AUTOMOTIVE	 OUTDOOR	 HEALTHCARE	 SHRINK WRAP	 GENERAL	 AGENCY
 CIRCUIT BOARD	 ASSET TRACKING	 ELECTRONIC COMPONENTS	 CHEMICAL DRUM	 EXTREME ENVIRONMENT	 SIGNAGE

# SDX40

## PERFORMANCE CHARACTERISTICS

- > Toughest resin ribbon on the market
- > Unmatched in abrasion and solvent resistance
- > Very high heat resistance
- > UL recognized & CSA approved
- > High density printing ensuring crisp black definition
- > Can be made to order in a wide range of sizes
- > First choice resin for the toughest of applications
- > Specially formulated backcoating for printhead protection



RIBBON SPECIFICATIONS	
DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.8 Micron Polyester
TOTAL RIBBON THICKNESS	7.5 Microns
INK TYPE	Resin (flat head technology)
COLOUR	Black
INK MELTING POINT	109°C
DENSITY	1.9

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 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.



BS 5609



# TTS

Thermal Transfer Solutions Limited

Thermal Transfer Solutions Limited, Unit 2, The IO Centre,  
Nash Road, Park Farm North, Redditch, Worcestershire B98 7AS  
t: 01527 517577 | f: 01527 517533 | e: sales@tts.eu.com  
[www.thermaltransfersolutions.com](http://www.thermaltransfersolutions.com)

