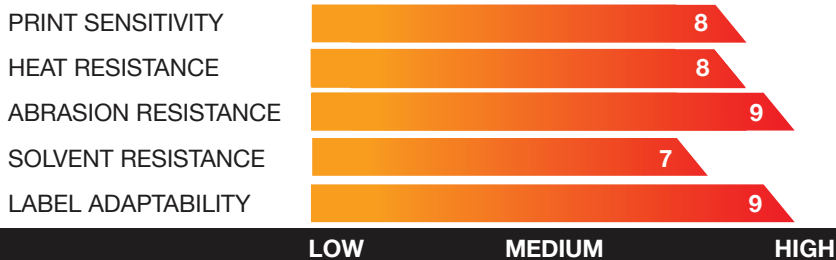679000

DDR50

PRODUCT DESCRIPTION

This resin grade is the recommended product where durability of the printed image is required. It offers excellent heat and steam resistance on a wide range of materials. It also has excellent chemical and solvent resistance and is noted for its adaptability and excellent print performance. UEX50 can be confidently specified with a wide range of materials suitable for high speed in-line packaging printing. UL approved, it can also be confidently specified with a wide range of proprietary label brands where agency approval is required.

RECOMMENDED SUBSTRATES

Synthetic paper, Polylefin, Polyester, Polypropylene, Polyethylene, PVC cards

PERFORMANCE PROPERTIES

	LOW	MEDIUM	HIGH
PRINT SENSITIVITY		8	
HEAT RESISTANCE		8	
ABRASION RESISTANCE			9
SOLVENT RESISTANCE		7	
LABEL ADAPTABILITY			9

EXAMPLES OF TYPICAL APPLICATIONS

LOGISTICS SHIPPING HEALTHCARE PRODUCT ID GENERAL SHELVING

659900112755

RETAIL ASSET TRACKING INVENTORY HORTICULTURE PHARMACY FLEXIBLE PACKAGING

DDR50

PERFORMANCE CHARACTERISTICS

> Suitable for high speed inline packaging printing
> Durability in chemical printing and industrial applications
> Excellent abrasion resistance
> Resistant to steam
> Resistant to heat
> Resistance to a wide range of chemicals

RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL
BASE FILM CARRIER	4.8 Micron Polyester
TOTAL RIBBON THICKNESS	6.0 Microns
INK TYPE	Resin (near edge/ flathead technology)
COLOUR	Black
INK MELTING POINT	80ºC
DENSITY	2.0

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	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.

datamark uk

Datamark UK Limited, Unit 3b, Banner Court, Henry Boot Way, Priory Park East, Hull, East Yorkshire, HU4 7DX
t: 01482 506560 / 505101 | f: 01482 504758
e: sales@datamarkuk.com | www.datamarkuk.com