

Near Edge Ribbon Resin

Thermal Transfer Ribbon

Flat Head Near Edge

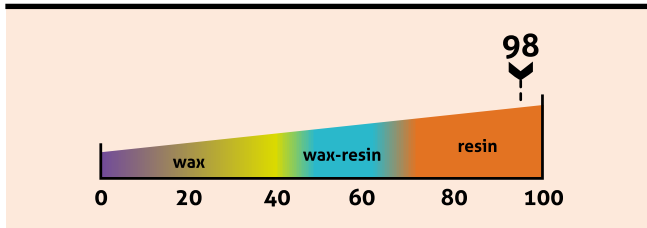
TECHNICAL DATA SHEET

ASR Universal Ltd offering optimum durability in line with the highly specific demands of textile product life cycles

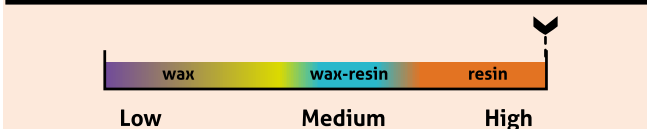
Printing receptor

specific	
Nylon taffeta	● ● ●
Satin polyester	● ● ●
Polyester taffeta	● ● ●

Print resistance



Energy



Compliant with the following regulations

OEKO-TEX® Standard 100 - Class I - CQ1172/1 IFTH
REACH / SVHC 1907/2006/EC
Food Contact 1935/2004/EC
Heavy metals 2011/65/EU
California Proposition 65
Halogen restrictions

product life cycle

Transportation



Traceability

Purchase/Sale



Identification

Cleaning



Instructions

Usage



Resistance

Environmental performance

Ecodesign

Ultrathin 4µ PET base film

Uses 12% less plastic than standard ribbons

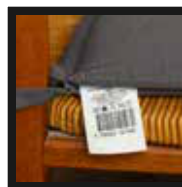
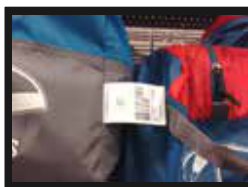
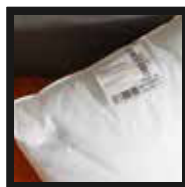
Manufacturing process

PET Waste 100% recovered

Solvent 91% recovered into factory energy

Electricity 58% from renewable sources

Fabric label materials



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Product performance

print quality		
90°Barcode 95	A _a Small characters 100	Logos 100
0°Barcode 90	2D Barcode 98	Blackness 1,9 ODR* <small>*Optical Density by Reflection, measured using a densitometer.</small>
technical resistances		
Washing EN ISO 105-E01 : 2010 Colour fastness in water. EN ISO 6330/A1 : 2009 AATCC 61-2009 Domestic washing and drying.	Dry cleaning EN ISO 105-D01 : 2010 AATCC 132-2009 Colour fastness to dry cleaning using perchlorethylene solvent.	Ironing AATCC 132-2009 Colour fastness for hot pressing.
Rubbing EN ISO 105-X12: 2003 AATCC 8-2007 Colour fastness to rubbing.	Sweat EN ISO 105-E04 : 2009 Colour fastness to sweat.	Other resistances: Stonewash Bleach Crease removal UV

Product physico-chemical features

product structure	
	PET film Thickness: 4 µm
	Ink* Resin
	Melting point 75°C/167°F
	Backcoating Silicon based
	Coefficient of Friction Kd < 0.2
	Ribbon thickness < 8 µm
	The ribbon is anti static build-up treated

* Compatible with both Flat head & Near edge printers

Storage

storage conditions
12 months recommended
20-80 % Humidity Rate, 5-35°C (40-95°F)

Waste management

Our rolls and their packaging allow an optimised waste management. For more information please contact ASR Universal Ltd.



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