inkanto®

Thermal Transfer by ARMOR

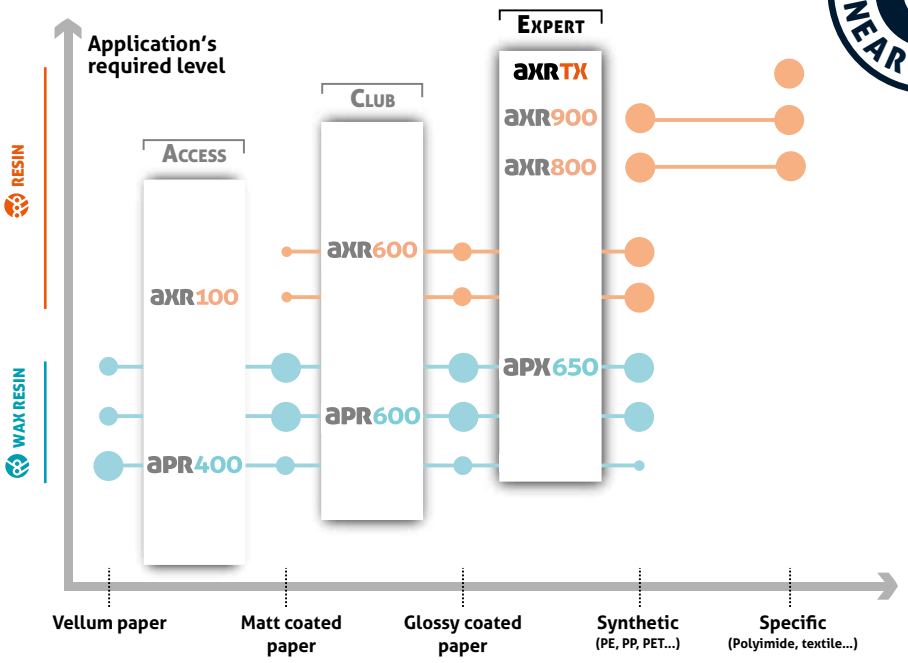
SPECIALTY RESIN FOR TEXTILE APPLICATIONS

AXR TX

The specialty resin for fabric label materials

FLAT HEAD NEAR EDGE

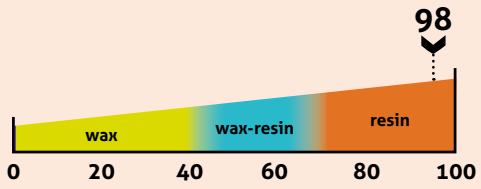
AXR®TX has been specially designed to meet ARMOR's high-quality standards, offering optimum durability in line with the highly specific demands of textile product life cycles.



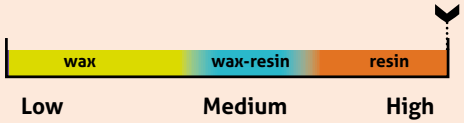
Printing receptor

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

Print resistance



Energy



product life cycle

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

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

More environmental details here

>axrtx

FLAT HEAD NEAR EDGE

Application fields

Fabric label materials






Product performance

print quality

90°Barcode	95	Small characters	100	Logos	100
0°Barcode	90	2D Barcode	98	Blackness *Optical Density by Reflection, measured using a densitometer.	1,9 ODR*

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.

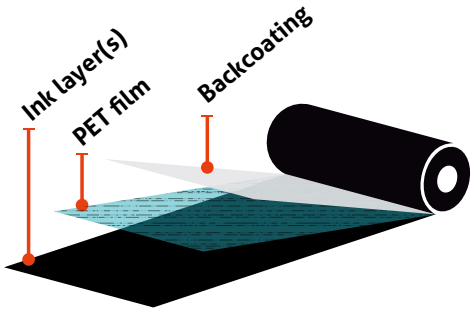
Rubbing
EN ISO 105-X12: 2003
AATCC 8-2007
Colour fastness to rubbing.

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

inkanto rolls and their packaging allow an optimised waste management. For more information please contact ARMOR.

04/21