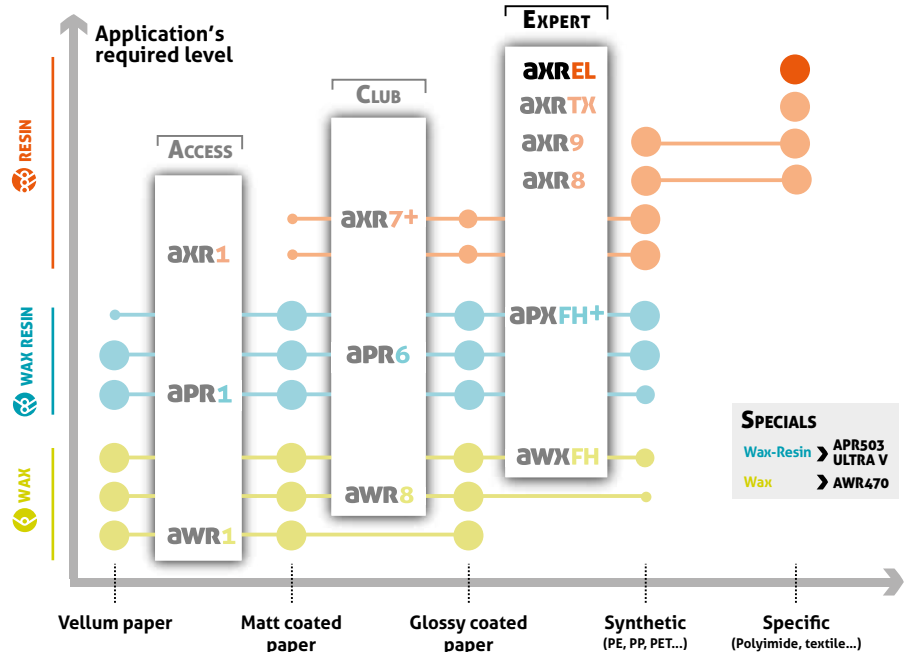


> AXREL

The specialty resin for printed circuit boards

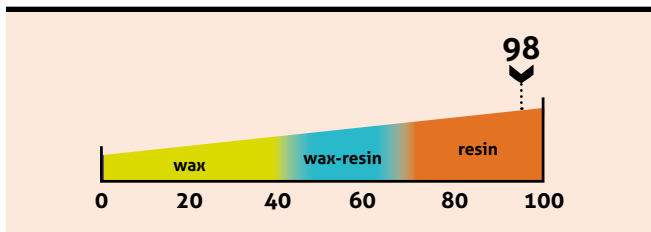
AXR®EL has been specially designed to meet ARMOR's high-quality standards, offering optimum durability in line with the highly specific demands of electronic products, particularly printed circuit boards.



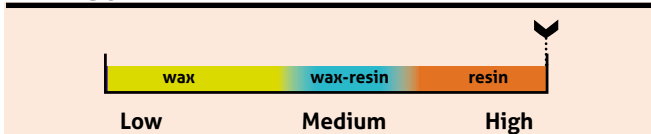
Printing receptor

synthetics	specific
PET ●●●	Polyimide ●●●
	Acrylate ●●●

Print resistance



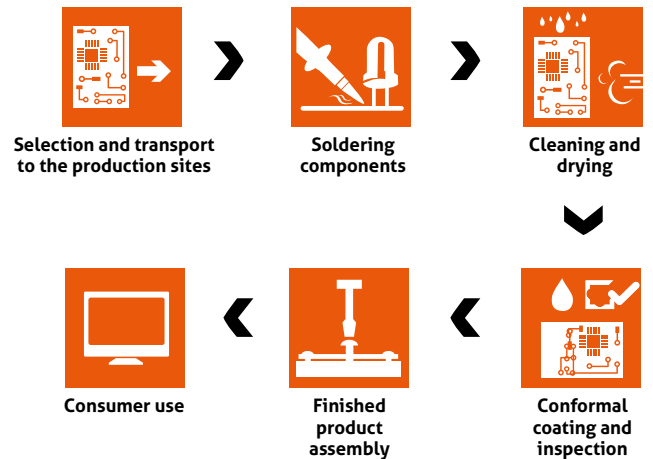
Energy



Compliant with the following regulations

IPC A-610
EN 50419
REACH / SVHC 1907/2006/EC
Food Contact 1935/2004/EC
Heavy metals 2011/65/EU
California Proposition 65
Halogen restrictions

product life cycle



Your ribbon identity

Colours: ●

Length (m):

Width (mm):

Part number:

Your distributor:

Contact :

AXREEL

Application fields

PCB and electronic sub-assemblies



Product performance

print quality		
90°Barcode 95	A _a Small characters 100	Logos 100
0°Barcode 100	2D Barcode 100	Blackness <small>*Optical Density by Reflection, measured using a densitometer.</small> 1,8 ODR*
technical resistances		
<p>Solvents Rubtester: 939g, no damage after ... cycles : IPA: 150 Atron: 200 Mineral Spirit: 50 Aquanox: 150</p>	<p>Drying The barcodes remain legible with an A-grade under ANSI standard for barcode readability. Laboratory tests performed under simulated real-life conditions.</p>	<p>Rubbing No degradation recorded after rubbing with an abrasive 16mm pad with an applied weight of 450g/cm² for 10 cycles.</p>
	<p>Temperature The print remains perfectly legible to high temperatures. Tested up to 300°C/572°F.</p>	<p>Conformal Coating The print remains intact after conformal coating (A thin polymeric film which conforms to the contours of a printed circuit board to protect the boards components).</p>

Product physico-chemical features

product structure															
	<table border="1"> <tr> <td>PET film</td> <td>Thickness: 4,5 µm</td> </tr> <tr> <td>Ink</td> <td>Resin</td> </tr> <tr> <td>Melting point</td> <td>75°C/167°F</td> </tr> <tr> <td>Backcoating</td> <td>Silicon based</td> </tr> <tr> <td>Coefficient of Friction</td> <td>Kd < 0.2</td> </tr> <tr> <td>Ribbon thickness</td> <td>< 8 µm</td> </tr> <tr> <td colspan="2">The ribbon is anti static build-up treated</td> </tr> </table>	PET film	Thickness: 4,5 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	
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Backcoating	Silicon based														
Coefficient of Friction	Kd < 0.2														
Ribbon thickness	< 8 µm														
The ribbon is anti static build-up treated															

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.