



Protected RFID labels as strong as hard tags !

Choose the **Protect +** solution to add superior strength to your AX'Label !

## Key features

- **Flexible** protective film with **ultra-reinforced adhesive** (see characteristics page 2)
- Compatible with **curved** surfaces
- Outdoor resistance (rain, dust, chemicals, high pressure washing)
- **Aeronautical Heritage**

4 sizes available as standard :

Protect + XS	Protect + S	Protect + M	Protect + L
60 x 45mm	85 x 45mm	95 x 65mm	125 x 52mm

## Applications

- Identification of outdoor construction equipment and tools
- Traceability of containers, RTI, automotive parts, metal cases, industrial components, laboratory equipment, etc.
- Traceability of vehicles

AX'Label  
&  
Protect +  
=  
AX'Label +  
Protected RFID label



Pressure washing resistance



Abrasion and shocks resistance



UV resistance

V1.6  
Non-contractual datasheet

## Compatibility Protect + with AX'Label Platina : AX'Label Platina +

	AX'Label Platina + XS	AX'Label Platina + S	AX'Label Platina + M	AX'Label Platina + L
	30 x 15mm	55 x 15mm	70 x 30mm	95 x 22mm
AX'Label Platina				
Protect +	60 x 45mm	85 x 45mm	95 x 65mm	125 x 52mm

AX'Label Platina + are fully customizable by printing text, logo, barcode, QR Codes...

## Adhesive characteristics

Characteristics	Results
Shrinkage	< 0.1%
Tensile	30 MPa
Elongation	> 400%

## Performance

Test Description	Results
<b>180° Peel Adhesion (Aluminum)</b>	
20 minutes at room temperature	600 N/ m (3.4 lb/in)
72 hours at room temperature	700 N/ m (4.0 lb/in)
168 hours at 70°C/158°F	700 N/ m (4.0 lb/in)
168 hours at 35°C/95°F & 100%RH	700 N/ m (4.0 lb/in)
Thermal Cycle	700 N/ m (4.0 lb/in)
<b>Stain Resistance</b>	
Unleaded gasoline; Diesel fuel; Motor oil	Moderate discoloration
<b>Gravelometer</b>	
SAE J400 - 2 cups of gravel at 25°C/77°F	Pass – no paint chipping
<b>Natural Weathering</b>	
24 months at 45° south-facing Arizona exposure; 24 months at 5° south-facing Florida exposure	Slight discoloration - No cracking, chalking, or dulling



V1.6

Non-contractual datasheet

