

Technical Datasheet

Product Management News

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RFID Label Protection Film



This flexible label protection film is made with an ultra-reinforced adhesive. This protection can be used on curved or flat surfaces. It helps optimize the resistance of RFID labels to external factors such as weather conditions, chemicals, high-pressure washing, and more.

1.1 Applications

- Identification of outdoor construction equipment and tools
- Traceability of containers, automotive parts, metal crates, industrial components, laboratory equipment, etc.
- Vehicle traceability

1.2 Available Dimensions

60 X 45 mm	85 X 45 mm	95 X 65 mm	125 X 52 mm
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1.3 Adhesive Characteristics

Property	Result
Shrinkage	<0,1%
Tensile strength	30 MPa
Elongation	>400%

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1.4 Performance

Test performed	Result
180° peel adhesion (aluminium)	
20 minutes at room temperature	600 N/m (3.4lb/in)
72 hours at room temperature	700 N/m (4.0lb/in)
168 hours to 170°C/158°F	700 N/m (4.0lb/in)
168 à 35/95°F & 100% RH	700 N/m (4.0lb/in)
Thermal Cycling	700 N/m (4.0lb/in)
Corrosion resistance	
Fuel, diesel, engine oil	Slight discoloration
Gravelometer	
SAE J400 : 2 gravel impacts at 25°C/77°F	Pass – no erosion
Natural weathering	
24 months south exposure in Arizona	Slight discoloration – No cracking, fissures or dulling
24 months south exposure in Florida	