

FK1510

Black PE Foam Double Sided Tape



Composition:



Acrylic Pressure Sensitive Adhesive
Black PE Foam
Acrylic Pressure Sensitive Adhesive
Release Liner

Applications:

- Bonding automotive rearview mirror heating elements, wheel balance weights, ABS decorative strips, nameplates and emblems for automotive industry.
- Securing the vehicle display screen frame and door components.
- Bonding automotive antennas

Features:

- Long-term adhesion that improves over time.
- High-density closed-cell PE foam carrier, offering superior tensile strength.
- Excellent waterproof performance with resistance to weather, solvents, acids and alkalis.
- Moderate thickness and elasticity, it provides cushioning, shock absorption and noise reduction.

Standard Size

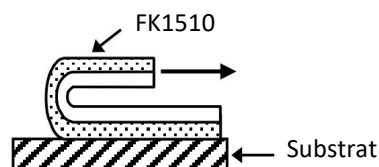
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|---|-------------|
| ▪ Total Thickness
(without release paper) | 1.0mm |
| ▪ Liner thickness | 0.12mm |
| ▪ Width | 10mm-1040mm |
| ▪ Length | 30m-300m |

Technical Data (average values)

• Backing material	Black Polyethylene Foam
• Density of Foam	80kg/m ³
• Release Paper/ Film Color	Customized
• Type of adhesive	Acrylic Pressure Sensitive Adhesive
• Temperature resistance range	-20°C-80°C
• Temperature resistance short term	80°C
• Temperature resistance long term	60°C
• Loop tack	≥20#
• Holding power	Up to 80°C for 60 min.

180 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	26N/25mm
ABS	/
PC	/
PE	/
PVC	/
PP	/

Unit:N/25mm
Sample Width:25mm
Backing Material: PE Foam
Application Condition:
3 pass back and forth with a 2.5kg roller
Peeling Speed: 300mm/min
Peeling Angle: 180 degree
Measurement Temperature:
23°C/65%RH



Storage:

- To obtain optimal adhesion, the bonding surface must be dry and clean.
- The ideal application temperature range is 20°C to 40°C. To apply tape on surface at temperature below 10°C be not recommend, because the adhesive becomes firm to adhere lightly.

Test Method: In accordance with GB/T 4851-1998 method.

Shelf Life:

12 months when stored in original carton at 23°C and 65% relative humidity.

Other:

- Rewinding length commonly used: 55m /roll, and can be processed according to customer demand.
- Special carton packaging.