# PEEL ADHESION TEST

Brush Pile hot-melt and Q-LON adhesive were tested for peel adhesion according to the industry standard FINAT test methods on three different surfaces: PVC, wood and painted aluminium.

## TEST RESULTS

| | units | Brush Pile with Hot-Melt adhesive | Q-LON adhesive seal tape |
|---|---|---|---|
| 90° Peel adhesion - PVC | N/25mm | 11.1 | 5.6 - 6.9 |
| 90° Peel adhesion - Wood | N/25mm | 3.4 | 4.6 - 5.1 |
| 90° Peel adhesion - Painted aluminium | N/25mm | 6.9 | 2.4 - 3.0 |

*Test conducted by Adhesive Technical Services Ltd - Botany Way Industrial Estate - Purefleet, Essex RM19 1SR*
*Conditions: Peel Rate 300mm/min - Peel Angle 90° - Dwell 20 Minutes - Temperature 23±1°C - Humidity 50±5%*

## Adhesive correct use

**Surface preparation**
In order to obtain the optimum adhesive bond, it is essential that the surfaces to be joined are clean and dry. They should be free from dust, oil and other particulate matter, grease, condensation or other surface contaminant.

**Application pressure**
A reasonable amount of pressure needs to be applied to the tape to give the optimum adhesive bond.

**Application temperature**
15ºC to 25ºC, in low humidity conditions.

**Working temperature range**
- Brush Pile Hot-Melt adhesive: -10ºC to +55ºC
- Q-LON adhesive tape: -15ºC to +75ºC

**Storage condition**
Should be stored indoors, in the original packaging, in clean and low humidity conditions, at temperatures above 10°C and below 30°C. Avoid direct sunlight, damp storage or water contamination.

**Shelf life**
Should be used within 12 months of manufacture.

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