Cello® adhesives are used for sealing edges, protecting components and certain surface areas that are susceptible to damage, or covering joints, seams or tears.

Basis of adhesive: Acrylate

**TECHNICAL DATA**

| Flammability            | FMVSS 302, DIN 75 200, fulfilled  
|-------------------------|----------------------------------|
|                         | ISO 3795, burning rate < 100 mm/min  
|                         | EN 45545-2: requirement R1 + R7 + R17, HL 3 fulfilled (ALU-01 + ALU-04)  
|                         | ECE R-118, annexes 6, 7 and 8 fulfilled (PUR-01)  
| Temperature Resistance  | -40°C to +150°C  
|                         | -40°C to +200°C (Cello® ALU-01)  
| Adhesive Strength / CPA-4.01 | Self-adhesive layer on steel plate: at least 35 N / 5 cm  
| Water Vapor Transmission / ISO 15106-3 | Covering joints and trimmed edges with Cello® ALU-01 ensures that the same high water vapor tightness is maintained across the entire aluminum surface  
| Tightness               | ECE R-118, annex 9 fulfilled: material repels fuels and lubricants (PUR-01)  
| Benefits                | Excellent adhesion on a wide range of substrates  
|                         | High flexibility for effortless application around edges  
|                         | Easy and fast fixation  

Cello® ALU-01

Cello® ALU-04

Cello® PUR-01

Cello® PUR-03

Cello® VLC-01

Cello® VL-53

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### CELLO® ADHESIVE TAPES

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>DESCRIPTION</th>
<th>ELONGATION AT BREAK / ISO 9073-3</th>
<th>BREAKING FORCE / ISO 9073-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALU-01</td>
<td>Aluminum tape, embossed silver-colored and scrim reinforcement for added tensile strength</td>
<td>approx. 4%</td>
<td>at least 150 N</td>
</tr>
<tr>
<td>ALU-04</td>
<td>Aluminum tape, smooth silver-colored and scrim reinforcement for added tensile strength</td>
<td>approx. 2%</td>
<td>at least 200 N</td>
</tr>
<tr>
<td>PUR-01</td>
<td>Film tape, black, with scrim reinforcement to prevent elongation</td>
<td>approx. 25%</td>
<td>at least 50 N</td>
</tr>
<tr>
<td>PUR-03</td>
<td>Film tape, white, with scrim reinforcement to prevent elongation</td>
<td>approx. 25%</td>
<td>at least 50 N</td>
</tr>
<tr>
<td>VLC-01</td>
<td>Non-woven tape: black, with scrim reinforcement to prevent elongation</td>
<td>approx. 25%</td>
<td>at least 50 N</td>
</tr>
<tr>
<td>VL-53</td>
<td>Non-woven tape: anthracite, with scrim reinforcement to prevent elongation</td>
<td>approx. 25%</td>
<td>at least 400 N</td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>THICKNESS [mm]</th>
<th>WIDTH [mm]</th>
<th>RUNNING LENGTH</th>
<th>RECOMMENDED TAPE WIDTHS FOR EDGE SEALING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALU-01 / ALU-04</td>
<td>0.3 ± 0,1 0.3 ± 0,1 0.9 ± 0,1</td>
<td>40, 50, 60, 70 ± 2</td>
<td>33 m / reel</td>
<td>Material thickness 10 mm » 40 mm wide tape Material thickness 20 mm » 50 mm wide tape Material thickness 30 mm » 60 mm wide tape Material thickness 40 mm » 70 mm wide tape</td>
</tr>
</tbody>
</table>

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Cello® HR 290 ALG-04 edges covered with Cello® adhesive tapes ALU-04

Cello® 451 edges covered with Cello® adhesive tapes VLC-01

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