



# ADHESIVE SOLUTIONS FOR AUTOMOTIVE GLAZING

## Our Complete Package from Sealing to Assembling

Because a car has so much glass, there is a need for new technologies that are in line with the requirements of automotive glazing: **low weight, design, and safety**. To correspond to these needs, we develop self-adhesive tape solutions for **glass applications**.

We are present around the world, which means that we are always close to our customers and can give them the individual support that they deserve. We can implement even the most challenging projects successfully by working together closely with our customers.

Our tapes are ideally suited to the different steps of **car glass assembly**. Benefits of our system solutions include:

### Sealing:

- Permanent mounting of weather strips on windshield, rear, roof, and encapsulated quarter window glass
- Permanent mounting of water box seals

### Mounting:

- Permanent mounting of attachment parts like aeroflaps and emblems on rear window glass
- Permanent mounting of distance pads between glass and flanges

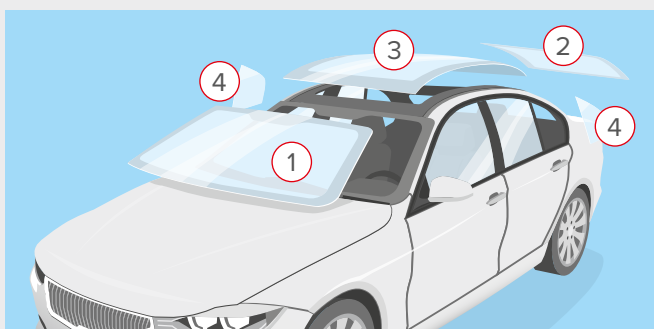
### Assembling:

- Mounting of windshields, cables, and water hoses
- Masking of window flanges to enable primerless mounting of windshield, rear, roof, and encapsulated quarter window glass

### Protecting:

- Protection of glass to reduce part wear and noise with the help of gliding tapes
- Tamperproof encoding of car window panes using high-precision security marking

Always  
the  
Right  
Solution



1. Windshield
2. Rear window glass
3. (Panoramic) sunroof window glass
4. Encapsulated quarter window glass

## Product overview by function

	Feature	Benefit	Components
<b>Ensured lifelong sealing and mounting</b>			
tesa® ACX <sup>plus</sup> 74508 Seal Line	<ul style="list-style-type: none"> <li>Heat-activated adhesive to seals</li> <li>Modified acrylic adhesive to glass</li> <li>Viscoelastic closed-cell acrylic foam core</li> <li>Deep black color</li> <li>Stiff/stable</li> </ul>	<ul style="list-style-type: none"> <li>Efficient application using heat to skip primer</li> <li>Compensate for different thermal elongation of bonded parts</li> <li>High humidity and UV resistance</li> <li>Reliable sealing to prevent water penetration</li> <li>Enhanced appearance and high design flexibility</li> <li>Excellent cold-shock performance</li> </ul>	<ul style="list-style-type: none"> <li>Weather strips</li> <li>Window lace seals</li> <li>Water box profiles (EPDM/TPE/TPO/TPV based)</li> </ul>
tesa® ACX <sup>plus</sup> 7808 Black Line	<ul style="list-style-type: none"> <li>Viscoelastic closed-cell acrylic foam core</li> <li>Deep black color</li> </ul>	<ul style="list-style-type: none"> <li>Compensate for different thermal elongation of bonded parts</li> <li>High humidity and UV resistance</li> <li>Reliable sealing to prevent water penetration</li> <li>Enhanced appearance and high design flexibility</li> <li>Excellent cold-shock performance</li> </ul>	<ul style="list-style-type: none"> <li>Weather strips (PVC based)</li> <li>Positioning pins</li> <li>Emblems and scriptings</li> <li>Aeroflaps</li> </ul>
tesa® Adhesion Promoter 60153	<ul style="list-style-type: none"> <li>UV traceability</li> <li>Fast curing</li> </ul>	<ul style="list-style-type: none"> <li>Surface treatment to improve the adhesion of our tapes on glass substrates</li> <li>Ensure permanent bonding and moisture resistance on glass substrates</li> </ul>	<ul style="list-style-type: none"> <li>Weather strips</li> <li>Positioning pins</li> <li>Emblems and scriptings</li> <li>Aeroflaps</li> </ul>
tesa® 62856 62852 62708	<ul style="list-style-type: none"> <li>Conformable PE-foam backing</li> <li>Pure acrylic adhesive with high ultimate adhesive strength</li> <li>High foam elasticity</li> </ul>	<ul style="list-style-type: none"> <li>Secure bonding performance</li> <li>Compensate for design tolerances or uneven surfaces</li> <li>Excellent temperature resistance</li> <li>Excellent convertability</li> </ul>	<ul style="list-style-type: none"> <li>Positioning pins</li> <li>Emblems and scriptings</li> </ul>
<b>Increased driving comfort through elimination of noise and abrasion</b>			
tesa® 51207 51217	<ul style="list-style-type: none"> <li>Ultra-high molecular weight polyethylene film with outstanding abrasion resistance</li> <li>Acrylic adhesive</li> <li>UV stability</li> </ul>	<ul style="list-style-type: none"> <li>Protection of glass and excellent gliding properties to reduce part wear and noises</li> </ul>	<ul style="list-style-type: none"> <li>Windshield</li> <li>Door window</li> </ul>
<b>Temporary mounting during assembly</b>			
tesa® 4289 4298	<ul style="list-style-type: none"> <li>Heavy duty tensilised polypropylene strapping tape with a natural rubber adhesive system</li> <li>High tensile strength with low elongation</li> </ul>	<ul style="list-style-type: none"> <li>Strong holding power to ensure secure temporary mounting of glass</li> <li>Removable without residues</li> </ul>	<ul style="list-style-type: none"> <li>Windshield</li> <li>Cables and water hoses</li> </ul>
<b>Flange masking to enable primerless mounting</b>			
tesa® 7140	<ul style="list-style-type: none"> <li>Laminate of PVC film with a PET film</li> <li>High temperature resistance</li> <li>Robotic application processes possible</li> </ul>	<ul style="list-style-type: none"> <li>Protect e-coat from paintings from low surface energy painting</li> <li>Easy demasking</li> <li>Lean and safe production process</li> </ul>	<ul style="list-style-type: none"> <li>Window flanges</li> </ul>
<b>Tamperproof encoding by security marking</b>			
tesa® 6926	<ul style="list-style-type: none"> <li>Laser transfer film</li> <li>Extremely resistant to abrasive wear, weather, temperature, and chemical influences</li> </ul>	<ul style="list-style-type: none"> <li>Glass marking without corrosive substances</li> <li>Do not mechanically influence the glass</li> </ul>	<ul style="list-style-type: none"> <li>Window panes</li> </ul>

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