



ADHESIVE SOLUTIONS FOR ROOF SYSTEMS

Our Complete Package from Permanent Mounting to Protection

Whether a **sun-**, **panoramic sun-**, **convertible folding**, or **solar-roof**, our adhesive tape and system solutions support all comfort, convenience, safety, and **lightweight-design** requirements. By using our products, you will benefit from a wide product range, durable and reliable quality, and technical customer service by experienced and highly skilled engineers.

Our advanced **converting capabilities** and **dispenser range** ensure that you have the optimal solution package, maximizing your efficiency and the quality of your final system and module solution. Our tapes are ideally suited to the challenges of complex **convertible and functional roof systems**. The proven benefits of our system solutions include:

Sunroof and panoramic sunroof:

- Mounting of sunroof frame, rubber-seal gaskets, wind diffusers, spacers, and positioning pins
- Protection of sliding components to avoid BSR (buzz, squeak, and rattle) and NVH (noise, vibration, and harshness)
- Bundling and mounting of wire harnesses and cables

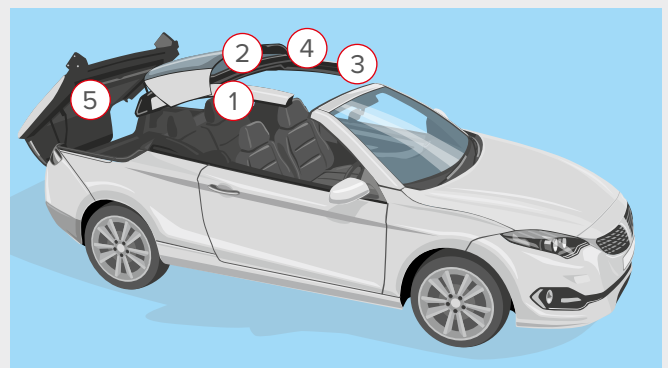
Convertible roof:

- Pre-mounting of textile band before sewing
- Lamination of cushioning and sound-deadening materials
- Mounting of wind diffusers and trims

Solar-roof:

- Bonding of solar-roof frame and bus bars in solar panels
- Light blocking to improve the module design

Always the Right Solution



1. Roof frame
2. Wind diffusers
3. Rubber-seal gaskets
4. Harnesses
5. Roof folding mechanism

Product Overview by Function

	Feature	Benefit	Components
Ensured lifelong mounting, bonding, and lamination			
tesa® ACX ^{plus} 78XX Black Line	<ul style="list-style-type: none"> Viscoelastic closed-cell acrylic foam core Deep black color 	<ul style="list-style-type: none"> Compensate for different thermal elongation of bonded parts High bonding power 	<ul style="list-style-type: none"> Spacers Positioning pins Decorative trims
tesa® ACX ^{plus} 74508 Seal Line	<ul style="list-style-type: none"> Heat-activated adhesive to seals Modified acrylic adhesive to glass Viscoelastic closed-cell acrylic foam core Deep black color 	<ul style="list-style-type: none"> Compensate for different thermal elongation of bonded parts Excellent cold-shock performance 	<ul style="list-style-type: none"> Panoramic-sunroof frame (between seal and glass)
tesa® 62856 62906	<ul style="list-style-type: none"> D/s PE-foam backing Acrylic adhesive 	<ul style="list-style-type: none"> Compensate design tolerances Excellent temperature resistance 	<ul style="list-style-type: none"> Spacers Positioning pins Decorative trims
tesa® 660XX 750XX 4962	<ul style="list-style-type: none"> D/s reinforced transfer and non-woven LSE adhesive 'Low VOC' adhesive Anti-repulsion 	<ul style="list-style-type: none"> Excellent lamination of different LSE materials such as foam, leather, fleece, felts, fabrics, and PP plastic Secure bonding on 3-D shapes 	<ul style="list-style-type: none"> Sunroof frame to headliner
tesa® 4965 4914	<ul style="list-style-type: none"> D/s film 'Low VOC' adhesive Tackified acrylic 	<ul style="list-style-type: none"> Bonding on flat and rough surfaces such as glass, tiles, wood, aluminum, and plastic Pre-mounting of textile band before sewing 	<ul style="list-style-type: none"> Curtains and blinds Roof linings Roof textiles
tesa® 62508 62510 62512	<ul style="list-style-type: none"> Highly conformable PE-foam backing Tackified acrylic adhesive 	<ul style="list-style-type: none"> Suitable for automatic and manual module assembly Easy solar-module assembly due to high foam compression rate 	<ul style="list-style-type: none"> Solar-roof frame
tesa® 4983	<ul style="list-style-type: none"> D/s PET tape Tackified acrylic adhesive 	<ul style="list-style-type: none"> Optimized bus-bar mounting and insulation for manual and automated processes High temperature resistance 	<ul style="list-style-type: none"> Bus bars in solar panels
Secure bundling and mounting			
tesa® 516XX	<ul style="list-style-type: none"> PET fleece Rubber adhesive 	<ul style="list-style-type: none"> Bundling and mounting of harnesses to prevent rattling and abrasion 	<ul style="list-style-type: none"> Wire harnesses
tesa® 50118	<ul style="list-style-type: none"> S/s PET fleece 'Low VOC' adhesive 	<ul style="list-style-type: none"> Bonding and mounting of cables on rough surfaces with excellent damping properties 	<ul style="list-style-type: none"> Cables
Excellent protection to reduce risk of buzz, squeak, and rattle			
tesa® 606XX 50118	<ul style="list-style-type: none"> S/s thick PET fleece 'Low VOC' adhesive 	<ul style="list-style-type: none"> Excellent protection to reduce BSR (buzz, squeak, and rattle) 	<ul style="list-style-type: none"> Sunroof Convertible roof
tesa® 51206 51207 51217	<ul style="list-style-type: none"> Ultra-high molecular weight polyethylene film with outstanding abrasion resistance Acrylic adhesive Outdoor UV resistance 	<ul style="list-style-type: none"> Protection of delicate components and excellent gliding properties to avoid squeak noises and part wear 	<ul style="list-style-type: none"> Folding mechanism of convertible roof Closing mechanism of sunroof
Surface protection to reduce risk of damage			
tesa® 5113X	<ul style="list-style-type: none"> S/s film Acrylic adhesive 	<ul style="list-style-type: none"> Protection of surfaces against damage For polar and non-polar substrates 	<ul style="list-style-type: none"> Roof window glass

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.