



1. Tank
2. Gas tank
3. Fuel hose

ADHESIVE SOLUTIONS FOR FUEL SYSTEMS

Our Complete Package from Mounting to Protection

The trend towards lighter tanks made of plastic leads to increased movement of the tank while driving. Especially in hybrid cars, where more components have to fit into a compact space, moving elements may come into contact with each other. This can cause buzz, squeak, or rattle noises. Additionally, the movement of the tank or hoses may lead to abrasion that can cause long-term damage.

Our tapes are ideally suited to the high-performance applications in a car's **fuel system**. The proven benefits of our system solutions include:

- Temporary mounting of attached parts to tank
- Protection of wires and fuel hoses against abrasion
- Prevention of buzz, squeak, and rattle in the tank area
- Mounting of rubber straps to gas tank
- Permanent mounting of clips, pins, spacers, and shock absorbers to tank
- Protection of labels against abrasion
- Reflective heat protection for fuel hoses
- Tamperproof identification of tanks by security marking
- Mounting of fuel pumps to plastic tanks

These are only two of today's challenges in the design of fuel systems that can be met with the help of self-adhesive tape solutions.

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.

Always
the Right
Solution

	Feature	Benefit	Components
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Increased driving comfort through elimination of buzz, squeak, and rattle

tesa® 60606 60608	<ul style="list-style-type: none"> Single-sided thick PET fleece with tackified acrylic adhesive 'Low VOC' adhesive 	<ul style="list-style-type: none"> Good damping and high abrasion resistance for demanding buzz, squeak, and rattle applications 	<ul style="list-style-type: none"> Rubber rings for gas tank
tesa® 51606	<ul style="list-style-type: none"> PET fleece with rubber-based adhesive 	<ul style="list-style-type: none"> Cushioning of hard foam distance pads High noise damping and abrasion resistance 	<ul style="list-style-type: none"> Spacer pads for tank

Ensured lifelong mounting

tesa® 4965 627XX 78XX 707X	<ul style="list-style-type: none"> Double-sided transparent filmic tape Double-sided PE foam tape Double-sided acrylic foam tape 	<ul style="list-style-type: none"> Secure mounting of attached parts with different substrates High resistance to demanding environmental conditions Thin to thick bonding solutions Low to high density bonding solutions 	<ul style="list-style-type: none"> Shock absorbers, pins, and distance pads for tank and gas tank
tesa® 94XX	<ul style="list-style-type: none"> Heat-activated reactive film 	<ul style="list-style-type: none"> Reliable mounting of fuel pump to plastic tank High resistance to high and low temperatures High resistance to chemicals and fuel 	<ul style="list-style-type: none"> Fuel pumps

Mounting during assembly

tesa® 4917	<ul style="list-style-type: none"> Double-sided PP film with differential adhesive system 	<ul style="list-style-type: none"> Mounting aid for wire placement Removable without residue 	<ul style="list-style-type: none"> Wires
tesa® 66022	<ul style="list-style-type: none"> Water-based acrylic adhesive with PET scrim 	<ul style="list-style-type: none"> Excellent conformability and stability for secure bonding on 3-D shapes High initial adhesion 	<ul style="list-style-type: none"> Rubber rings for gas tank

Protection to reduce risk of damage

tesa® 54715 54335 54336	<ul style="list-style-type: none"> Heavy-mass mineral-filled polyolefin PET with extra thick, viscoelastic adhesive layer 	<ul style="list-style-type: none"> High adhesion Reliable bump stop Secure covering of welding seam Good resistance against temperature and environmental influences 	<ul style="list-style-type: none"> Tank Car underbody
tesa® 54994 54338 54339	<ul style="list-style-type: none"> Thin PUR die cut with acrylic adhesive Strong PET die cut with modified acrylic adhesive 	<ul style="list-style-type: none"> Durable and reliable abrasion protection High adhesion Corrosion resistant coating and part-number marking for fuel filter 	<ul style="list-style-type: none"> Tank Gas tank Fuel filters
tesa® 51036 51026	<ul style="list-style-type: none"> PET cloth tape with acrylic adhesive 	<ul style="list-style-type: none"> Resistance to abrasion, high temperature, and environmental conditions for secure wire protection 	<ul style="list-style-type: none"> Fuel hoses
tesa® 68000 PVO 68000 PV7	<ul style="list-style-type: none"> Aluminum laminated glass cloth with acrylic adhesive 	<ul style="list-style-type: none"> Superior radiant heat reflection for wires in the engine compartment 	<ul style="list-style-type: none"> Fuel hoses

Tamperproof identification by security marking

tesa® 6910	<ul style="list-style-type: none"> High-performance polyolefin film with laser-activated color pigments 	<ul style="list-style-type: none"> Resistance against heat, abrasion, and chemicals High-speed marking 	<ul style="list-style-type: none"> Tank Gas tank
tesa® 6930 6937	<ul style="list-style-type: none"> Laser-engravable label with brittle acrylic film 	<ul style="list-style-type: none"> Tamper evidence High resistance against heat, abrasion, and chemicals Customized watermark on request 	<ul style="list-style-type: none"> Tank Gas tank
tesa® 6940 6947	<ul style="list-style-type: none"> Laser-engravable label with brittle acrylic film 	<ul style="list-style-type: none"> Tamper evidence High resistance against heat, abrasion and chemicals High-speed marking Customized watermark on request 	<ul style="list-style-type: none"> Tank Gas tank

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