

ADHESIVE SOLUTIONS FOR COCKPIT SYSTEMS

Our Complete Package from Bonding to Light Blocking

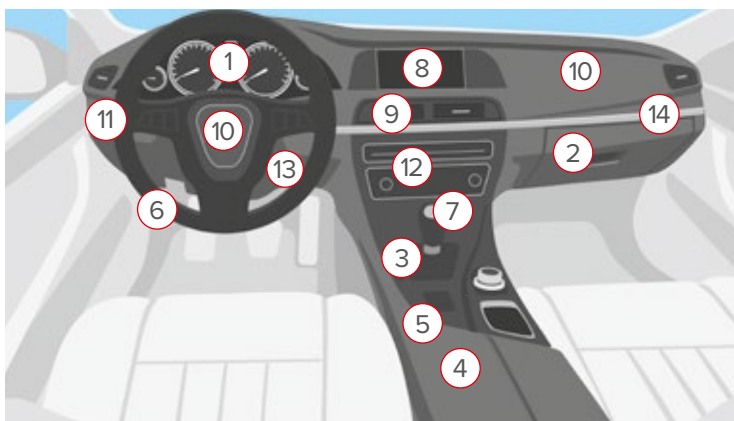
Today's automotive cockpit systems offer the perfect combination of design, feel, and quality. This leads to an increasing number of components and styling requirements. To make sure every customer demand is met, we develop self-adhesive tape solutions for **cockpit applications**.

We consult customers around the world by analyzing their individual process parameters. We offer customized die cuts and dispensing solutions to make customers' processes even better.

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

- Permanent bonding and lamination of different materials such as leather, foam, and fabrics onto different components, such as instrument panels and armrests
- Durable bonding of trims, heating elements, emblems, energy absorbers, harnesses, frames, and gear knob badges
- Surface protection of trims, touchpads, and displays against damage and dust
- Enhanced driving comfort through the elimination of buzz, squeak, and rattle
- Wrapping, closing, and securing of airbags
- Splinter protection on cover lenses of displays and on dashboards during airbag deployment
- Mounting of display lenses, frames, and light components
- Light blocking on the instrument dial and customer electronics tray

Always
the
Right
Solution



- | | |
|------------------------------|----------------------------------|
| 1. Instrument dial | 8. Touchpads and displays |
| 2. Glove box | 9. HVAC |
| 3. Gear lever/gauge frames | 10. Airbags |
| 4. Armrest | 11. Lights/LEDs |
| 5. Customer electronics tray | 12. Harnesses |
| 6. Heating elements | 13. Energy absorber |
| 7. Gear knob badge | 14. Decorative trims and emblems |

Product overview by function

	Feature	Benefit	Components
Ensured lifelong bonding and lamination			
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 bonding of trims and 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"> Decorative trims Heating elements Armrests Energy absorber
tesa® 4965 51970 51966	<ul style="list-style-type: none"> D/s film 'Low VOC' adhesive Tackified acrylic 	<ul style="list-style-type: none"> High bonding on flat and rough surfaces such as glass, tiles, wood, aluminum, and many types of plastic 	<ul style="list-style-type: none"> Decorative trims Customer electronics tray on center console ABS plastic parts LED FPC
tesa® 62906 62508	<ul style="list-style-type: none"> D/s foam backing Acrylic adhesive 	<ul style="list-style-type: none"> Compensate design tolerances 	<ul style="list-style-type: none"> Decorative trims and emblems Gear knob badges
tesa® 50118	<ul style="list-style-type: none"> S/s PET fleece 'Low VOC' adhesive 	<ul style="list-style-type: none"> For high bonding, quick and secure mounting of cables on rough surfaces with excellent damping properties 	<ul style="list-style-type: none"> Harnesses
Increased driving comfort through elimination 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"> Dashboard Gear lever Center console Decorative trims Airbags
tesa® 51207 51217	<ul style="list-style-type: none"> UV stability Ultra-high molecular weight polyethylene film with outstanding abrasion resistance Acrylic adhesive 	<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"> Glove box Center console Multimedia frames on dashboard
Surface protection to reduce risk of damage			
tesa® 5055X	<ul style="list-style-type: none"> S/s film UV-resistant adhesive High transparency 	<ul style="list-style-type: none"> Invisible and conformable surface protection on 3-D geometries Suitable for outdoor applications 	<ul style="list-style-type: none"> Displays and touchpads on instrument dial
tesa® 5113X	<ul style="list-style-type: none"> S/s flexible film Acrylic adhesive 	<ul style="list-style-type: none"> Protect sensitive surfaces from dust and damage For polar and non-polar substrates 	<ul style="list-style-type: none"> Trims and profiles Center console Dashboard
Enhanced performance of electronics applications			
tesa® 7100	<ul style="list-style-type: none"> S/s black PET film and adhesive 	<ul style="list-style-type: none"> Excellent light blocking to prevent light dissipation 	<ul style="list-style-type: none"> LEDs Instrument dial
tesa® 696XX	<ul style="list-style-type: none"> D/s optical clear adhesive No whitening No haze 	<ul style="list-style-type: none"> Secure mounting of splinter foil on displays without optical restriction 	<ul style="list-style-type: none"> Touchpads Displays
tesa® 6682X	<ul style="list-style-type: none"> D/s foam backing 	<ul style="list-style-type: none"> Waterproof and superior push-out resistance for mounting display frames and instruments 	<ul style="list-style-type: none"> Touchpads Displays (e.g. overhead displays)

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.