Adhesive tape solutions for two and three wheelers applications

Asia Pacific

Three wheelers

Two wheelers

Adhesive tape solutions for two and three wheelers applications – motor / electric

tesa offers advanced adhesive solutions tailored to the specific application needs of electric and conventional two and three wheelers.

Two wheelers

1. Laser markable vehicle and battery identification labels: tesa® 693x / 694x
2. Design ornament, emblem and label mounting: tesa® 4965 / 4968 / 755xx
3. Mounting of anti-slip surfaces: tesa® 4953
4. Mounting of running boards: tesa® ACXplus 727x / 778xx / 5499x
5. Mirror splintering protection: tesa® 4432
6. Body / paint protection
   - Permanent: tesa® 5299x
   - Temporary (logistic/transport): tesa® 4848 / 5053x / 50551
   - Hole covering: tesa® 4657 / 5433x
7. Battery cell wrapping and insultation: tesa® 58358
8. Mounting of low energy plastics: tesa® 4950 / 74515
9. Specialty masking
   - Paint masking: tesa® 4304 /4308 / 4330 / 4338
   - Fine line tesa® 4174 / 4185 / 4244 / 50777
   - Protection during sandblasting & powder coating: tesa® 4423 / 4434 / 50620 / 50625
   - General purpose masking tesa® 4316 / 5006

Product	Adhesive	Backing	Liner	Thickness	Features
Laser mark vehicle & battery identification labels					
tesa® 6930	Acrylic	Acrylic	Coated paper	95 µm	• Very resistant to heat, abrasion & chemicals. Tamper evident: manipulation leaves visible trace • Flexible formatting & label design: marking and cutting by the laser. Compliance with UL standards
tesa® 694x	Acrylic	Acrylic	Coated paper	95 - 140 µm	• Very resistant to heat, abrasion & chemicals. Tamper evident: manipulation leaves visible trace • Not removeable without destruction of the label • Very fast marking is achieved in conjunction with high-speed laser hardware
Design ornament, emblem and label mounting					
tesa® 4965	Biomass-balanced tackified acrylic	Post consumer recycled PET	MOPP	205 µm	• Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates. Total of 62% biocarbon content (including red MOPP liner) • Certified by UL standard 969 (UL file: MH 18055)
tesa® 4968	Tackified Acrylic	PVC film	Paper	295 µm	• An outstanding adhesion level even to critical low surface energy materials such as PP and PE • Immediate functionality of the laminated bond due to excellent initial tack • Light and age-resistant acrylic adhesive
tesa® 755xx	Tackified acrylic	-	White PE coated paper	50 - 125 µm	• Good initial adhesion to a wide variety of substrates. Good temperature & humidity resistance • Excellent conformability. Good die cutting properties. Low VO & complience with UL standards
Mounting of anti-slip surfaces					
tesa® 4953	Tackified acrylic	PET	Glassine	100 µm	• Reliable bond, often also on low surface energy surfaces for long term • Immediate usability right after assembly • In accordance with UL standard 969. Low VOC – measured according to VDA 278 analysis
Mirror splintering protection					
tesa® 4432	Natural Rubber	flat paper	-	330 µm	• Tough masking tape with strong adhesive & stable backing • Ideal for glass & mirrors
Body / paint protection					
tesa® 5299x	Acrylic	PU film	PET	260 - 280 µm	• Permanent protection against abrasion, corrosion and stone-chipping • The film is developed particularly for external application and is specifically suited for use on painted surfaces
tesa® 4848	Acrylic	PE film	-	48 µm	• Temporary transparent surface protection film for large areas and paint applications • UV resistance
tesa® 5053x	EVA	Polyolefinic film	-	59 - 79 µm	• Temporary protection - secure adhesion during transport. Easy to apply & remove • Paint protection during outdoor storage up to 12 months
tesa® 50551	Acrylic	PE film	-	70 µm	• Good adhesion to painted & chromed finishes. Easy to apply & remove • Reliable temporary protection - secure adhesion during transport
Hole covering					
tesa® 4657	Thermosetting natural rubber	Acrylic-coated cloth	Paper	290 µm	• Very resilient cloth tape for permanent hole covering in automotive applications and masking during industrial painting processes. Excellent tape for die-cuts
tesa® 5433x	Modified acrylic	Aluminium laminated glasscloth / PCR PET / PET	PE-coated paper / paper	450 - 1,010 µm	• Ensures a reliable corrosion protection, excellent temperature resistance • Good puncture resistance, very good resistance to chemicals
Battery cell wrapping and insulation					
tesa® 58358	Modified acrylic	PETEP	Paper	220 µm	• Reliable protection against dielectric breakdown. Strong backing to resist mechanical stress • Non-flammable acc. to FMVSS 302
Mounting of low energy plastics					
tesa® 4950	Tackified acrylic	Post consumer recycled PET	Paper	100 µm	• LSE-optimized adhesion: bonds reliably to PP, PE, and EPDM—no primer needed • High shear strength: holds strong under stress and heat for long-term durability • Dimensional stability: PET backing ensures clean handling and precise die-cuts
tesa® 74515	Tackified acrylic	-	White PE-coated liner transparent PET liner	125µm	• Low surface energy adhesion: primerless bonding to plastics and coated surfaces • Thin & strong: high bonding power at just 125µm thickness • Gap-filling: thick adhesive adapts to surface irregularities
Speciality masking					
Paint masking					
tesa® 4304	Natural rubber	Slightly-creped paper	-	145 µm	• Secure bonding of large area masks without lifting-off. Recommended for multiple drying cycles • Covering broad range of drying temperatures and residue free removal – from 15°C to 163°C/325°F
tesa® 4308	Natural rubber	Slightly-creped paper	-	150 µm	• Suitable for the automotive, car body repair and transportation industry • Flexible backing allows good conformability to irregular surfaces • Ideal for the protection of delicate surfaces
tesa® 4330	Natural rubber	Slightly-creped paper	-	170 µm	• High performance paper masking tape for paintworks with oven drying up to 140 °C • Flexible, wet resistant masking tape with a high tensile strength
tesa® 4338	Natural rubber	Slightly-creped paper	-	145 µm	• High visibility due to vivid color • Excellent handling (easy and controlled unwinding, finger friendly, and high conformability) • For multiple drying cycles – up to six cycles at 120 °C/40 min
Fine line masking					
tesa® 4174	Natural rubber	PVC film	-	110 µm	• Curved fine-line masking & masking for sealing processes • Excellent masking on painted & unpainted surfaces. Good conformability with multidimensional surfaces • Residue-free up to 150 °C for 1 h
tesa® 4185	Natural rubber	PVC film	-	110 µm	• High temperature resistance for inline paint shop processes • Thin design for visible edge line applications. Good conformability with multidimensional surfaces
tesa® 4244	Natural rubber	PVC film	-	110 - 130 µm	• Conforms to the dimensional change during oven-drying • No edge lifting off and removable without leaving any residues • Good conformability to multi dimensional surfaces
tesa® 50777	Acrylic	PVC film	-	132 µm	• Easy unwinding for smooth manual or semi-manual tape applications. Hand-tearable • No ghosting after drying at high temperatures (up to 160°C) • Conformable behavior for masking in narrow curves/areas
Sandblasting & powder coating masking					
tesa® 4423	Natural rubber	Flat paper	-	145 µm	• Paper stencil material for short term sandblasting applications • It is suitable for a variety of common surfaces such as glass, aluminium, wood and especially hard-PVC
tesa® 4434	Natural rubber	Flat paper	-	670 µm	• Stencil material for sandblasting, protection and reinforcement • Strong, thick and resistant paper backing suitable for manual cutting
tesa® 50620	Silicone	PET	-	70 µm	• High temperature resistant. Residue-free removability
tesa® 50625	Silicone	Polyester	-	50 µm	• High temperature resistant. Residue-free removability
General purpose masking					
tesa® 4316	Natural rubber	Fine crepe paper	-	140 µm	• The product is thin and flexible, therefore, suitable for all general masking applications • Suitable for oven drying applications up to a temperature of 100 °C
tesa® 5006	Natural rubber	Slightly-creped paper	-	120 µm	• The chamois crepe paper backing ensures a good conformability • The natural rubber adhesive system features good adhesion to multiple surfaces as well as a good tack • Suitable for light duty spray painting and general purpose applications like, holding, sealing, fixing