METAL FABRICATION

Assortment Overview of tesa® Tapes
METAL FABRICATION
Assortment Overview of tesa® Tapes

Powder Coating Masking Tapes – up to 220°C (30min.)

<table>
<thead>
<tr>
<th>Tape</th>
<th>Product application</th>
</tr>
</thead>
</table>
| tesa® 50600 – Green Standard Polyester Masking Tape | • Masking off areas not to be coated during powder coating process  
• One piece removal without leaving residues |
| tesa® 50650 – Blue Conformable Polyester Masking Tape | • Very conformable for the use on irregular shapes  
• Sharp paint edge  
• Removable without leaving residues |

General Masking Tapes

<table>
<thead>
<tr>
<th>Tape</th>
<th>Product application</th>
</tr>
</thead>
</table>
| tesa® 4323 – General Purpose Masking Tape  | • Slightly creped texture  
• Quick and easy to remove  
• Natural rubber adhesive |
| tesa® 4317 – Performance Masking Tape     | • 80°C for 1 hour  
• Resistant to wet sanding  
• Can be used on painted metal, rubber, glass and chrome parts |

Other Tapes

<table>
<thead>
<tr>
<th>Tape</th>
<th>Product application</th>
</tr>
</thead>
</table>
| tesa® 4591 – Tear Resistant Crossweave Filament Tape | • High tensile strength  
• Resistant to nicks and tearing |
| tesa® 4287 – Surface Protection Tape      | • Strong resilient tape  
• Can be removed without leaving adhesive residue |
Double Sided Tapes

**Why Use Double Sided Tape?**

- No weld witness marks or heatspots
- Does not damage surface of bonded parts as mechanical fixing (screws, rivets etc)
- Stresses are distributed evenly across surface of bonded parts – no weak points
- Aids productivity – can move to next production stage quickly
- Easy to store and use – no special requirements in terms of hazards/solvents

<table>
<thead>
<tr>
<th>Tape</th>
<th>Product application</th>
</tr>
</thead>
</table>
| **tesa® 4965** – Thin Transparent Filmic Tape | • Very good long-term bond to many different materials  
• High temperature resistance to 200°C  
• Excellent ageing resistance |
| **tesa® 51970** – All-round Thin Bonding Tape | • Good combination of bonding power and shear strength  
• High ageing resistance |
| **tesa® 62932** – High Density Foam Tape | • High immediate bonding strength for fast and reliable assembly even at low pressure  
• Thin foam backing allows compensation for small design gaps |
| **tesa® 4957** – General Purpose Foam Tape | • High immediate bond on rough surfaces  
• Very good compensation for design tolerances  
• Good shock absorption |
| **tesa® 62932** – High Density Foam Tape | • High immediate bonding strength for fast and reliable assembly even at low pressure  
• Thin foam backing allows compensation for small design gaps |
| **tesa® 4957** – General Purpose Foam Tape | • High immediate bond on rough surfaces  
• Very good compensation for design tolerances  
• Good shock absorption |
| **tesa® ACXplus** – Intelligent Bonding solutions |
| **tesa® ACXplus 707x** – High Resistance | • High temperature resistance up to 220°C and cold shock resistance down to -40°C  
• Suitable for pre-bonding parts and passing through powder coating process |
| **tesa® ACXplus 706x** – High Adhesion | • Designed for ‘hard-to-bond-to’ materials such as powder coated parts and plastics  
• For combinations of such materials with all kinds of metals  
• Compensates for different thermal expansion of bonded parts |