



METAL FABRICATION

Assortment Overview of tesa® Tapes

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

Tape	Product application
	tesa® 50600 – Green Standard Polyester Masking Tape <ul style="list-style-type: none"> • Masking off areas not to be coated during powder coating process • One piece removal without leaving residues
	tesa® 50650 – Blue Conformable Polyester Masking Tape <ul style="list-style-type: none"> • Very conformable for the use on irregular shapes • Sharp paint edge • Removable without leaving residues

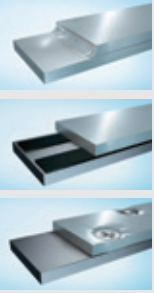
General Masking Tapes

Tape	Product application
	tesa® 4323 – General Purpose Masking Tape <ul style="list-style-type: none"> • Slightly creped texture • Quick and easy to remove • Natural rubber adhesive
	tesa® 4317 – Performance Masking Tape <ul style="list-style-type: none"> • 80°C for 1 hour • Resistant to wet sanding • Can be used on painted metal, rubber, glass and chrome parts

Other Tapes



Tape	Product application
	tesa® 4591 – Tear Resistant Crossweave Filament Tape <ul style="list-style-type: none"> • High tensile strength • Resistant to nicks and tearing
	tesa® 4287 – Surface Protection Tape <ul style="list-style-type: none"> • 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

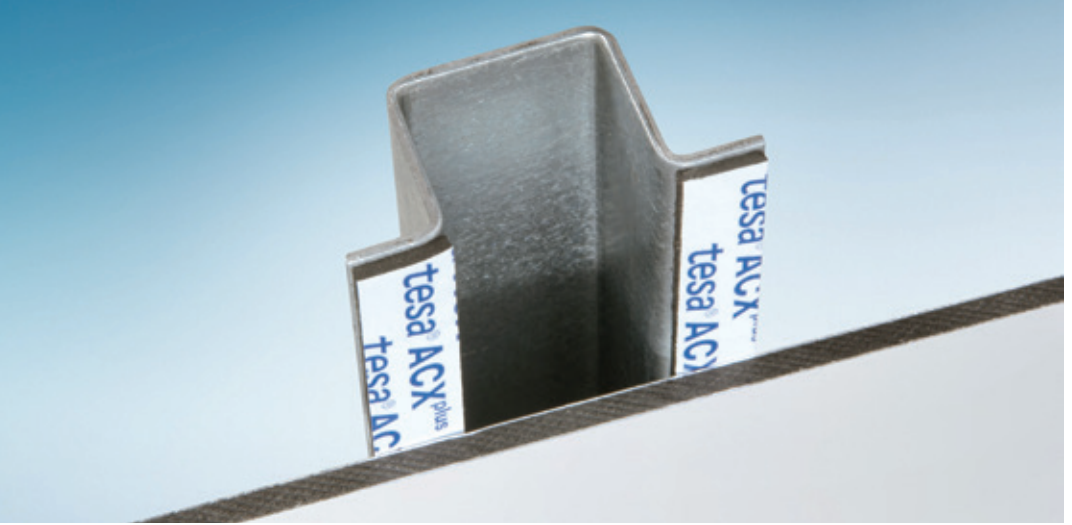
Tape	Product application
	<p>tesa® 4965 – Thin Transparent Filmic Tape</p> <ul style="list-style-type: none"> • Very good long-term bond to many different materials • High temperature resistance to 200°C • Excellent ageing resistance
	<p>tesa® 51970 – All-round Thin Bonding Tape</p> <ul style="list-style-type: none"> • Good combination of bonding power and shear strength • High ageing resistance

Tape	Product application
	<p>tesa® 62932 – High Density Foam Tape</p> <ul style="list-style-type: none"> • High immediate bonding strength for fast and reliable assembly even at low pressure • Thin foam backing allows compensation for small design gaps
	<p>tesa® 4957 – General Purpose Foam Tape</p> <ul style="list-style-type: none"> • High immediate bond on rough surfaces • Very good compensation for design tolerances • Good shock absorption

tesa® ACX^{plus} – Intelligent Bonding solutions



Tape	Product application
	<p>tesa® ACX^{plus} 707x – High Resistance</p> <ul style="list-style-type: none"> • 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
	<p>tesa® ACX^{plus} 706x – High Adhesion</p> <ul style="list-style-type: none"> • 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



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