

02/2018



METAL FABRICATION

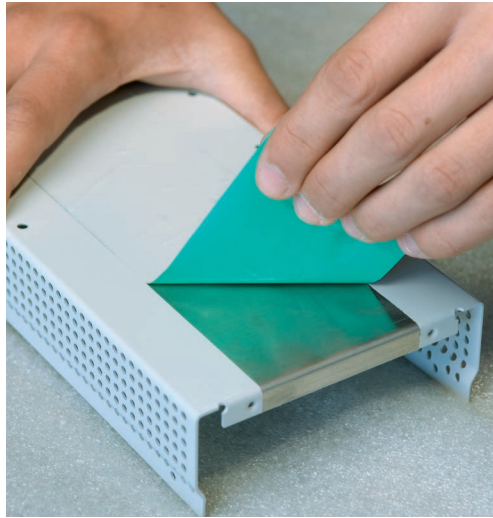
Assortment Overview of tesa® Tapes

tesa UK Ltd.,
Yeomans Drive,
Blakelands,
Milton Keynes,
MK14 5LS
01908 500333
ukenquiry@tesa.com

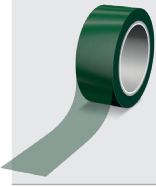

tesa.co.uk/metalfabrication

METAL FABRICATION



Assortment Overview of tesa® Tapes





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

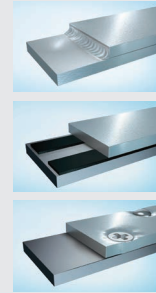
General Masking Tapes

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
	tesa® 4965 – Thin Transparent Filmic Tape <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Good combination of bonding power and shear strength High ageing resistance

Tape	Product application
	tesa® 62932 – High Density Foam Tape <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
	tesa® 4957 – General Purpose Foam Tape <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
	tesa® ACX^{plus} 707x – High Resistance <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
	tesa® ACX^{plus} 706x – High Adhesion <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