

A close-up photograph of a person's hands holding a black smartphone. The person is wearing a white long-sleeved shirt. The background is a blurred office environment with windows and desks. The lighting is bright, suggesting an indoor setting with natural light.

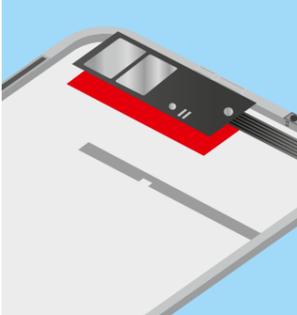
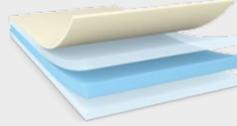
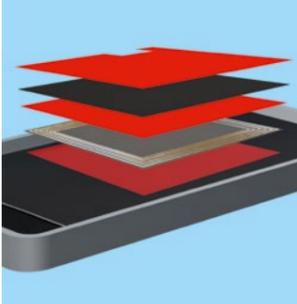
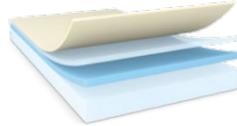
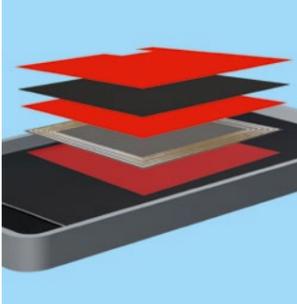
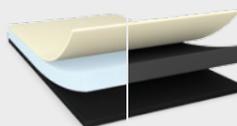
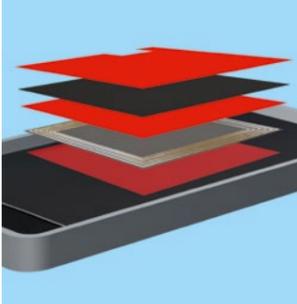
OUR ADHESIVE SOLUTIONS FOR FPC MOUNTING APPLICATIONS

**Our Continuously Improved Products
for the Electronics Industry**

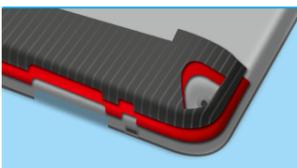
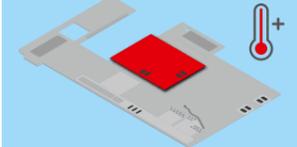
OUR PRODUCTS FOR FLEXIBLE PRINTED CIRCUIT APPLICATIONS

As a leading global manufacturer of adhesive solutions for the electronics industry, we offer a wide range of specially developed adhesive tapes for smartphones, tablets, and many other electronic devices. With our deep knowledge in this fast-moving business, we understand the requirements for FPC mounting and continuously develop improved solutions to keep track with the latest challenges.

General Mounting

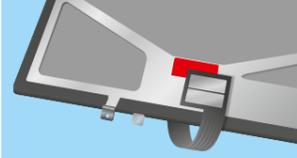
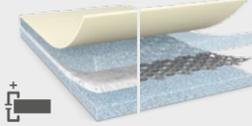
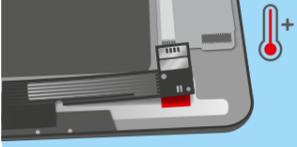
Application examples	Product group description	Tape structure	Products
	General FPC fixation <ul style="list-style-type: none"> High bonding strength Very good handling in converting processes 		General mounting tapes <ul style="list-style-type: none"> tesa® 49xx/519xx tesa® 6854x/6874x tesa® 6855x high bonding tesa® 613xx high push-out
	FPC mounting on different substrates <ul style="list-style-type: none"> Different adhesive on either side of the tape Optimized bonding performance on different substrates 		Differential tapes <ul style="list-style-type: none"> tesa® 68582 tesa® 4720
	Ferrite sheet covering <ul style="list-style-type: none"> Outstanding scratch resistance Excellent insulation properties Very low gloss level 		Covering tapes <ul style="list-style-type: none"> tesa® 79xx tesa® 673xx
	Ferrite sheet laminates <ul style="list-style-type: none"> Ultra-thin design: 5-20 µm Excellent heat transfer performance Fish-eye/bubble free 		Ultra-thin PET tapes <ul style="list-style-type: none"> tesa® 6854x

Functional Mounting

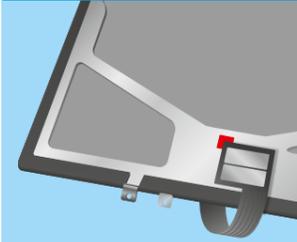
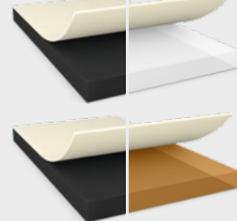
Application examples	Product group description	Tape structure	Products
	Bended FPC mounting <ul style="list-style-type: none"> Outstanding bonding performance on curved surfaces High repulsion resistance 		Anti-repulsion tapes <ul style="list-style-type: none"> tesa® 6853x/6873x tesa® 689xx/669xx
	FPC mounting before SMT (reflow) <ul style="list-style-type: none"> High temperature resistance (260°C) High conformability for uneven surfaces Heat resistant adhesive and liner 		Non-woven tapes <ul style="list-style-type: none"> tesa® 885x

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.

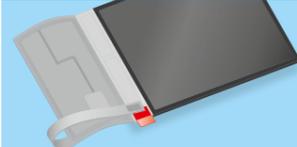
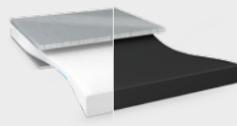
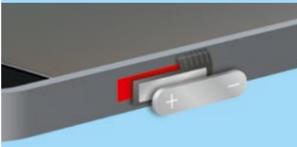
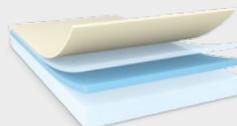
Electrically Conductive Tapes

Application examples	Product group description	Tape structure	Products
	FPC grounding <ul style="list-style-type: none"> Excellent electrical conductivity Good bonding strength Stable electrical performance at harsh conditions 		Woven- and non-woven ECT <ul style="list-style-type: none"> tesa® 6026x tesa® 6025x
	SMT reflow processing <ul style="list-style-type: none"> Stable electrical conductivity and bonding strength even after SMT process Smooth liner removability after SMT 		SMT resistant ECT <ul style="list-style-type: none"> tesa® 60295

Structural Bonding for Narrow Bonding Areas

Application examples	Product group description	Tape structure	Products
	Bended FPC mounting <ul style="list-style-type: none"> Superior bonding strength on very small bonding areas Excellent chemical and heat resistance Excellent die-cuttability Withstands high repulsion forces, even at high temperatures 		LTR and HAF tapes <ul style="list-style-type: none"> tesa® LTR HAF 5848x tesa® LTR HAF 87xx tesa HAF® 5847x tesa HAF® 847x

Temporary FPC Mounting and Processing

Application examples	Product group description	Tape structure	Products
	Bonding and residue-free removal <ul style="list-style-type: none"> Temporary fixation of bended FPC for transportation High bonding strength Easy removability by stretching 		tesa Bond & Detach® <ul style="list-style-type: none"> tesa® 704xx standard tesa® 706xx black
	Side key FPC mounting <ul style="list-style-type: none"> Easy rework during assembly Reliable bonding performance 		Removable tapes <ul style="list-style-type: none"> tesa® 6856x/6876x
	Temporary protection of housing surface <ul style="list-style-type: none"> Suitable bonding performance Residue free after removal 		Removable tapes <ul style="list-style-type: none"> tesa® 6856x/6876x tesa® 66505 (ultra-removable)

Application Solution Center

tesa® Technical Customer Service – Our Top Priority

Besides offering quality products with strong features, we provide individual project support backed up by application engineers and research and development resources. Our technical experts in our Application Solution Center offer on-site support and evaluation of your individual application under laboratory conditions. Please contact your local sales representative for more information.



Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001.