



Skin-friendly
tesa® mounting solutions

Proven solutions for skin-safe applications

Certified skin contact solutions

Skin-friendly adhesive technology is special in many ways. Skin is a living organ — sensitive and demanding. This is especially true when it is weakened, stressed, or fragile due to illness or age. Skin properties can also change during the use of wearables, protectors, or medical devices — for example, during workouts or simply due to the natural renewal process of the epidermis.

Modern body sensors are increasingly built into clothing or attached directly to the body. They monitor health, track athletic performance, and support therapy with useful data. As IoT and new materials evolve, our behavior in sports, leisure, and safety is changing. A variety of sensors can be used, such as GPS, accelerometers, ECG, blood pressure, blood sugar, or temperature sensors.

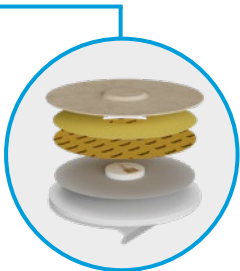
While end users rely on you, you can rely on us. For wearable skin adhesives, sensors, protective gear, or smart sports equipment, nothing matters more than reliability, experience, and trust. Choose from our range of self-adhesive products or contact us to create new solutions together.

Sample applications:

1. Wearables



2. Continuous glucose monitors



3. Face shields



4. Protective sports equipment



Contact to skin cerification: tesa® adhesive masses are tested and approved in accordance with ISO 10993-5:2009 and ISO 10993-10:2021. These test procedures measure the potential of the tape to produce irritation and skin sensitivity. Complying with these standards allows tesa® adhesive mass building blocks to be used in medical devices, diagnostics, and health-care industries.

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.

Solutions for medical device components and sports equipment

Category	Product	Backing/ thickness	Adhesive	Thickness	Primary liner/ thickness	Adhesion to PE (ultimate)	Adhesion to PE (initial)	Adhesion to PP (ultimate)	Adhesion to PP (initial)	Feature/ benefit
Double-sided transfer	tesa® 75505	Adhesive only	MA*	50 µm	Glassine 70 µm	3.5	2	4	2	ISO:10993**
	tesa® 75507	Adhesive only	MA*	75 µm	Glassine 70 µm	4.5	4	5.5	4	ISO:10993**
	tesa® 75515	Adhesive only	MA*	125 µm	Glassine 70 µm	6	5	6.5	5	ISO:10993**
Double-sided non-woven	tesa® 4959	Tissue 40 µm	MA*	100 µm	Glassine 70 µm	4.5	4	6.5	5.5	ISO:10993**
	tesa® 4962	Tissue 40 µm	MA*	160 µm	Glassine 70 µm	7	6.5	10	8.5	ISO:10993**
Double-sided filmic	tesa® 4965	PCR PET 12 µm	MA*	205 µm	MOPP 80 µm	6.9	5.8	7.9	6.8	ISO:10993**
	tesa® 6965	PCR PET 12 µm	MA*	205 µm	MOPP 80 µm	6.9	5.8	7.9	6.8	ISO:10993**
	tesa® 51865	PCR PET 12 µm	MA*	165 µm	MOPP 80 µm	7	6.5	8	7	ISO:10993**
	tesa® 49652	PCR PET 12 µm	MA*	205 µm	Glassine 70 µm	6.9	5.8	7.9	6.8	ISO:10993**
	tesa® 59652	PCR PET 12 µm	MA*	205 µm	Glassine 70 µm	6.6	5.6	8.8	6	ISO:10993**
	tesa® 59650	PCR PET 12 µm	MA*	160 µm	MOPP 80 µm	5.7	5.2	7	5.3	ISO:10993**
	tesa® 59651	PCR PET 12 µm	MA*	300 µm	Glassine 70 µm	6.4	6	On demand	On demand	ISO:10993**
	tesa® 4953	PCR PET 12 µm	MA*	100 µm	Glassine 70 µm	5.1	4.6	6.2	4.4	ISO:10993**
	tesa® 4952	PE foam 1,000 µm	MA*	1,200 µm	Glassine 70 µm	2.8	2.7	5.5	2.8	ISO:10993**
PE foam	tesa® 4957	PE foam 1,100 µm	MA*	1,100 µm	Glassine 70 µm	2.2	1.7	3.3	1.8	ISO:10993**
	tesa® 62505	PE foam 450 µm	MA*	500 µm	Glassine 70 µm	1.2	0.9	1.2	0.9	ISO:10993**
	tesa® 62508	PE foam 750 µm	MA*	800 µm	Glassine 70 µm	0.9	0.9	1.2	1.2	ISO:10993**
	tesa® 62510	PE foam 950 µm	MA*	1,000 µm	Glassine 70 µm	0.9	0.9	1.2	1.2	ISO:10993**
	tesa® 62512	PE foam 1,200 µm	MA*	1,200 µm	Glassine 70 µm	0.9	0.9	1.2	1.2	ISO:10993**
	tesa® 62516	PE foam 1,500 µm	MA*	1,600 µm	Glassine 70 µm	1.2	0.9	1.2	0.9	ISO:10993**
	tesa® 62520	PE foam 2,000 µm	MA*	2,000 µm	Glassine 70 µm	2	2	6	6	ISO:10993**
	tesa® 62530	PE foam 3,000 µm	MA*	3,000 µm	Glassine 70 µm	2	2	6	6	ISO:10993**
	tesa® 62932	PE foam 400 µm	MA*	500 µm	Glassine 70 µm	3	1.7	3.3	1.8	ISO:10993**
	tesa® 62934	PE Foam 700 µm	MA*	800 µm	Glassine 70 µm	2.8	2.7	5.5	2.8	ISO:10993**
	tesa® 62935	PE foam 900 µm	MA*	1,000 µm	Glassine 70 µm	3	2.7	6	2.8	ISO:10993**
	tesa® 62936	PE foam 1,500 µm	MA*	1,600 µm	Glassine 70 µm	3	2	7	3	ISO:10993**

* Modified acrylic ** Non-sensitizing



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Certifications

Our company is focused on international quality, environmental, and occupational safety standards.

Please find more information regarding our certifications at:
www.tesa.com/certifications

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