

tesa® ACX^{plus} – Intelligent Bonding for the appliance industry

tesa® ACX^{plus} – Intelligent Bonding Solutions for your constructive bonding demands

tesa® ACX^{plus} is a new category of double sided tapes for constructive bonding and is the highest performing product line made by tesa. tesa® ACX^{plus} consists of a high-performance acrylic system and is primarily characterized by its Bonding Power, Stress Dissipation and its Temperature Resistance.

tesa® ACX^{plus} family with excellent immediate adhesion even on hard-to-bond substrates, such as many plastics and (powder) coated surfaces.

It is our unique ACX production technology, which enables the creation of acrylic core tapes with outstanding visco-elastic properties – the key for the typical performance of tesa® ACX^{plus} products.

tesa® ACX^{plus} bonding solutions can outperform conventional fastening methods such as bolting, riveting, liquid gluing or welding – by optimizing our customers' production processes and the quality of their products.

With tesa® ACX^{plus} tesa offers more than tapes:

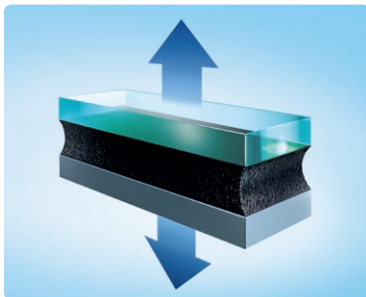
- an assortment of specially formulated adhesion promoters
- a wide range of specific application equipment
- a worldwide technical advisory service on site for individual application support



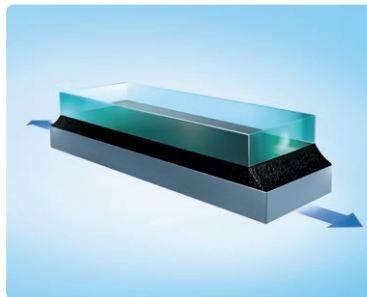
Key product properties

The high performance of tesa® ACX^{plus} is based on its viscoelastic acrylic backing and leads to powerful bonding, stress relaxing properties and excellent temperature and weathering resistance.

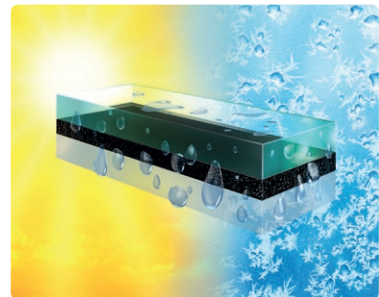
Bonding Power



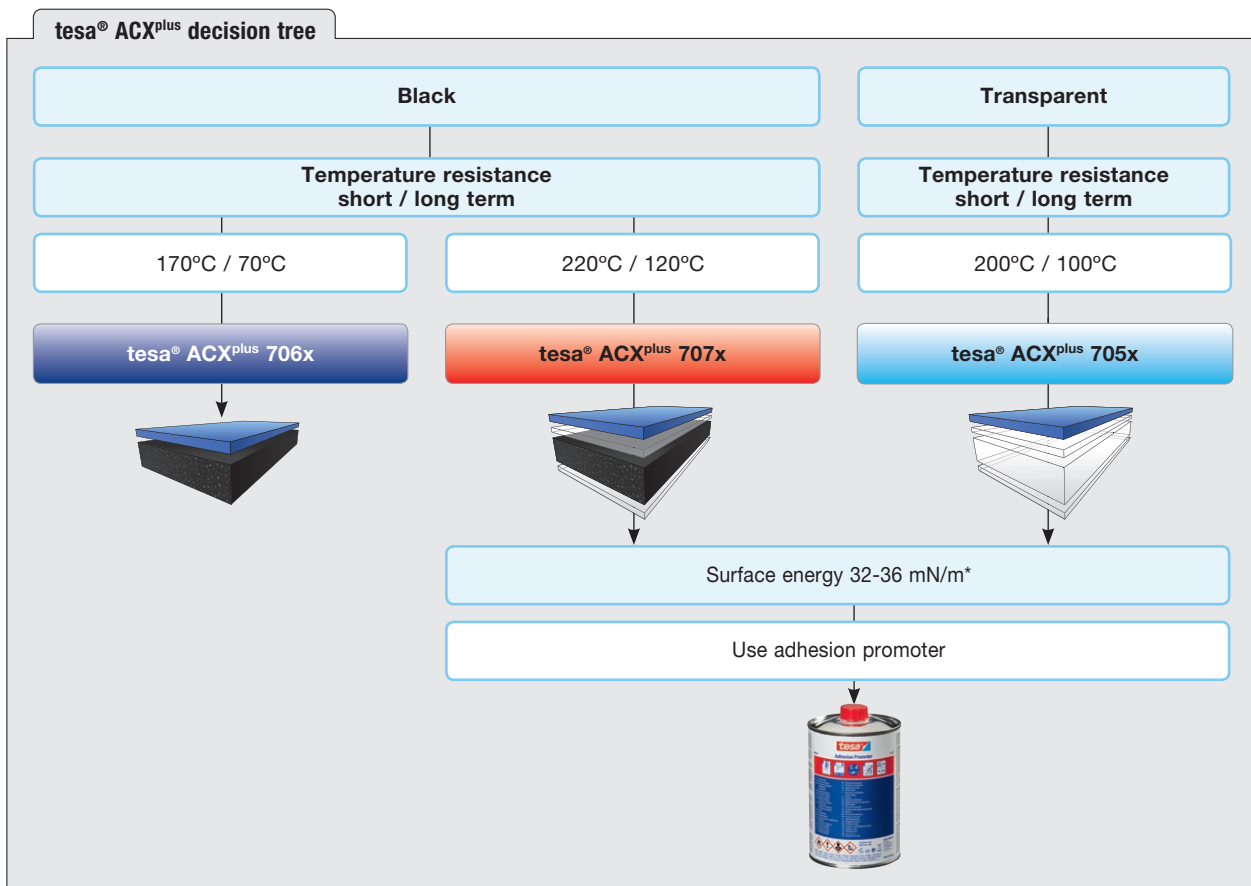
Stress Dissipation



Temperature Resistance



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*surface energies below 32 dyn are critical – intensive testing is recommended

Technical data		Thickness without liner [µm]	Construction	Colour	Liner*	Adhesion [N/cm] after 72h dwelling time			
tesa® ACX ^{plus} Family	tesa® ACX ^{plus} Product					Steel	PMMA	Aluminum	Glas
705x High Transparency	tesa® 7054	500	solid pure acrylic	transparent	PV 22, PV 24	19	12	19	17
	tesa® 7055	1000				24	17	24	24
	tesa® 7056	1500				27	19	22	26
	tesa® 7058	2000				29	22	24	28
706x High Adhesion	tesa® 7063	800	foamed modified acrylic	black	PV 22, PV 24	30	27	32	32
	tesa® 7065	1200				40	35	35	36
	tesa® 7066	1500				45	41	40	39
707x High Resistance	tesa® 7074	1000	foamed pure acrylic	black	PV 22, PV 24	30	15	25	32
	tesa® 7076	1500				35	19	28	36
	tesa® 7078	2000				40	23	32	40

* PV 22: PE coated paper liner – tesa® ACX^{plus} branded, PV 24: HDPE filmic liner blue

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, 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 advise you.



The tesa Management System complies with the industry's most important certification standards

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