

Overview: Products for key applications

Category	Application	Module type			Product	Description	Type	Backing	Adhesive	Color	Thickness [µm]
		Wafer-based	Thin film	Next gen							
Bonding	Flexible module bonding			●	tesa® 69402	Thin, optically clear adhesive bonding tape	d/s	None	Acrylic	Optical clear	50
				●	tesa® 4965	Transparent bonding tape with PET backing and very versatile adhesive	d/s	PET	Acrylic	Transpa- rent	205
				●	tesa® 62934	Conformable, gap filling PE foam tape with excellent bonding properties, UL certified	d/s	PE foam	Acrylic	Black/ white	800
				●	tesa® ACX ^{plus} 7074	Highly durable acrylic foam tape for demanding bonding applications, UL certified	d/s	Acrylic foam	Acrylic	Black	1000
				●	tesa® 4972	Thin, transparent bonding tape	d/s	PET	Acrylic	Transpa- rent	48
	Frame bonding	●			tesa® 62510	Conformable PE foam tape for frame bonding, UL and TÜV Rheinland certified	d/s	PE foam	Acrylic	Black/ white	1000
	Rail bon- ding and fixation	●	●		tesa® ACX ^{plus} 7078	Thick, highly durable acrylic foam tape for demanding bonding applications, UL certified	d/s	Acrylic foam	Acrylic	Black	2000
		●	●		tesa® ACX ^{plus} 7048	Firm gray acrylic foam tape in 2 mm thickness, for rail fixation	d/s	Acrylic foam	Acrylic	Gray/ white	2000
Electrical conductive	Charge collection		●	●	tesa® 60860	Single sided charge collection tape with tin plated copper backing and conductive adhesive	s/s	Copper	Conduc- tive	Silver	58
Fixation	Cell fixation	●			tesa® 4129	Thin, transparent single sided PET tape with acrylic adhesive	s/s	PET	Acrylic	Transpa- rent	50
		●			tesa® 7946	Thin, transparent single sided PET tape with acrylic adhesive, UL certified	s/s	PET	Acrylic	Transpa- rent	56
		●			tesa® 4134	Thin, transparent single sided PP tape with acrylic adhesive	s/s	BOPP	Acrylic	Transpa- rent	50
	Cable fixation	●	●	●	tesa® 64283	Blue, tear resistant single sided tape	s/s	BOPP	Rubber	Blue	77
		●	●	●	tesa® 4288	Black, tear resistant single sided tape	s/s	BOPP	Rubber	Black	114
Insulation	Lead foil insulation		●	●	tesa® 4972	Thin, transparent double sided insulation tape	d/s	PET	Acrylic	Transpa- rent	48
			●	●	tesa® 51982	Black-out double sided insulation tape with PET backing	d/s	PET	Acrylic	Black	100
Lamination	Layer lamination			●	tesa® 61562	Very thin optically clear lamination adhesive with moisture control function	d/s	none	Specialty	Optical clear	25
				●	tesa® 61563	Thin optically clear lamination adhesive with moisture control function	d/s	none	Specialty	Optical clear	50
				●	tesa® 69802	Thin optically clear lamination UV-curable adhesive for plastic substrates	d/s	none	Acrylic	Optical clear	50
	Barrier film lamination			●	tesa® 61531	Very thin opaque lamination adhesive with moisture blocking function	d/s	none	Specialty	Opaque	25
				●	tesa® 61533	Thin opaque lamination adhesive with moisture blocking function	d/s	none	Specialty	Opaque	50
Masking	Ribbon black out		●		tesa® 7250	Black single sided PET tape for masking and insulation	s/s	PET	Acrylic	Black	50
	Tempo- rary edge sealing and hole covering	●	●		tesa® 50650	Flexible masking tape with high temperature resistance and good removability	s/s	PET	Silicone	Blue trans- lucent	55
		●	●		tesa® 50600	Masking tape with high temperature resistance and good removability	s/s	PET	Silicone	Green translucent	80
Surface protection	Surface protection / protective interlayer			●	tesa® 4848 PV1	Thin, transparent and easy removal surface protection film	s/s	PE	Acrylic	Transpa- rent	48
				●	tesa® 4333 PV1	Easy removal, high-precision paper masking tape	s/s	Paper	Acrylic	Pink	80
				●	tesa® 50680	Transparent PET masking tape with low corrosion silicone adhesive	s/s	PET	Silicone	Transpa- rent	80



Please note that all listed products are example recommendations only. Please visit our websites for a full overview of applications and products and contact us with your application requirements to find a specifically tailored solution.