



Electrical adhesive tapes
SynTape® - Intertape - Isotape



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Im Bereich der Elektroindustrie werden Klebebänder sehr unterschiedlich eingesetzt. Neben dem Schutz vor mechanischer Beanspruchung dienen sie zusätzlich dem Kennzeichnen, Bündeln oder Markieren. Damit unsere Klebebänder genau Ihren Ansprüchen entsprechen, können Sie zwischen unterschiedlichen Materialkombinationen und Kleberarten wählen.

Die Klebebänder müssen oft hohen Belastungen standhalten und werden entsprechend strengster Normen gefertigt und auf ihre Zuverlässigkeit geprüft. Wir bieten Ihnen nur Klebebänder höchster Qualität und können auf Wunsch auch weitere Materialprüfungen in unserem hauseigenen Labor SynLab® vornehmen.



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Typically, our electrical adhesive tapes are used in **electric motors, transformers and generators**. Here, they serve primarily for electrical insulation and mechanical protection.

Find the right adhesive tape for your project with us. We offer you a wide range of different base materials, backing thicknesses and adhesive types.

In the electrical adhesive tape overview you will find all our products along with technical details.

In addition to electric motors, transformers and generators, our adhesive tapes are also used in other industrial sectors. Below you will find some examples.



Variable use

- for electrical insulation
- for mechanical protection
- for fixing
- for masking
- for labelling
- for bundling
- for marking

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Medical technology

In medical technology, our acetate fabric tapes are used, among other things, for taping cable harnesses in medical end devices. Our factory in Schramberg produces blanks made of the copper adhesive tape Scut.36 2560 for EMC protection.

Product examples:

- SynTape® B107/P.31
- Intertape® 4560
- Isotape® 56228 PV3



Automotive

Use of adhesive tapes in the automotive industry is versatile. Besides cable bandages or electrical insulation, the adhesive tapes serve as surface protection and sound insulation.

Product examples:

- SynTape® F 562/ GL.94
- Intertape® 4617
- Isotape® 4238 PV3

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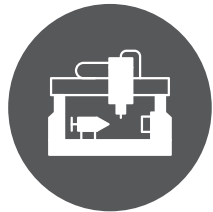


Screen printing

In screen printing our adhesive tapes SynTape® B/ P.355 and Isotape® 51350 PV3-2 are used to cover large surfaces during printing process to protect them against colour application.

Product examples:

- SynTape® B/PM.099
- SynTape® B/ P.355
- Isotape® 51350 PV3-2



Pad printing

For cleaning the pads SynFlex offers you two different pad cleaning tapes, called TRB16 Eco and TRB19 Optimo that reliably remove dirt and remaining colour without leaving any adhesive residues.

Product examples:

- TRB 16
- TRB 19

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White goods

Especially non-woven polyester adhesive tapes with acrylic adhesive are suitable for vibration protection in white goods. For this purpose we recommend SynTape® F/PT.20-20 or Intertape® 51595. In addition, various adhesive tapes are suitable for cable bandages or as edge protection.

Product examples:

- SynTape® F/ PT.20-20
- Intertape® 51595
- Isotape® 4350 PV3



Surface technology

Adhesive polyester tapes of our range are used as surface protection in soldering baths or as protection during impregnating processes to avoid contamination of non-processed surfaces. After the processing step, the adhesive tape can be removed without residue due to the silicone adhesive and you save subsequent cleaning.

Product examples:

- SynTape® H 428/ H.20
- Intertape® 4118
- Isotape® 4428 PV3-32

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Depending on the application you will need a different electrical adhesive tape. The properties of the different base materials in combination with the respective adhesive result in a completely new, highly technical product that is used in a wide variety of applications in the electrical industry.

When first-class heat resistance and dielectric strength are required, **polyimide-based tapes** are the best choice. Our **polyester film** adhesive tapes are particularly flexible and have high dielectric strength despite low material thickness.

Electrical adhesive tapes made of **glass fibre fabric** are extremely flexible and at the same time highly tear-resistant. In addition, they offer high temperature resistance and are available with rubber, acrylic or silicone adhesives.

Examples:
Films (polyester, PEN, polyimide et al.), polyester non-woven, acetate fabric, aramid paper, paper, metals and many more

We will be happy to advise you in order to find the right product for your project. Please contact us. Together we will find the adhesive tape that meets your requirements.



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Insulating material classification

The electrical adhesive tape from SynFlex can be allocated to specific insulating material classes. The respective letter in the adhesive tape name states the highest permanent temperature at which the adhesive tapes can be used. The classification is realised by determining the limit temperature.

A	105 °C
B	130 °C
F	155 °C
H	180 °C

Types of adhesive

Acrylate adhesives are resistant to temperature and ageing. They are also characterized by their good resistance when used in connection with impregnating agents.

Thermal class F: Resistant to impregnants

Rubber adhesives have a high initial adhesive strength and can be processed very well. However, they are not resistant to impregnating agents.

Thermal class B: Very high initial tack

Silicone adhesives are characterized by high resistance to temperature and ageing. They are well suited for bonding to anti-adhesive, i.e. poorly adhering surfaces and can be removed without leaving residues.

Thermal class H: High temperature and ageing resistance

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SynTape® B 107/ P.31	x	clear, yellow, beige	polyester	0.023	0.060	K	40	80	5.0	4500	B	130 °C
SynTape® B 108/ P.315	x	yellow, black	polyester	0.050	0.087	K	70	100	6.0	7000	B	130 °C
SynTape® B 113/ P.34	x	clear	polyester	0.023	0.060	A	40	80	2.5	4500	B	130 °C
NR. 1350F-1 from 3M™	x	yellow, white	polyester	0.025	0.063	A	44	100	3.3	5500	B	130 °C
NR. 1350F-2 from 3M™	x	yellow, white	polyester	0.050	0.088	A	88	110	3.3	7000	B	130 °C
NR. 5 from 3M™	x	clear	polyester	0.025	0.063	A	44	100	3.8	5500	B	130 °C
SynTape® B/ P.355		yellow, transparent	polyester	0.050	0.087	A	70	100	6.0	7000	B	130 °C
SynTape® B/ P.40		green	polyester	0.023	0.060	S	40	80	2.5	4500	B	130 °C
SynTape® B/ P.42		brown	polyester	0.023	0.100	S	40	80	1.3	4500	B	130 °C
SynTape® B/ P.47		transparent	polyester	0.075	0.110	S	100	110	5.0		B	130 °C
Intertape 51587	x	yellow, black	polyester	0.025	0.056	K	44	100	5.5	5000	B	130 °C
Intertape 51588	x	transparent	polyester	0.025	0.056	K	44	100	5.5	5000	B	130 °C
Intertape 51589	x	transparent	polyester	0.025	0.056	A	44	100	3.8	5000	B	130 °C
Intertape 51594	x	yellow	polyester	0.025	0.051	K	44	100	4.9	5000	B	130 °C
Intertape 54108	x	transparent	polyester	0.025	0.061	K	44	100	5.5	5000	B	130 °C
Intertape 54113	x	transparent, yellow	polyester	0.025	0.061	A	44	100	4.9	5000	B	130 °C
Isotape 50501		6 Colours	polyester	0.025	0.053	A	35	70	2.3	5000	B	130 °C
Isotape 51350 PV3	x	yellow	polyester	0.025	0.060	A	43	100	3.9	5000	B	130 °C
Isotape 51350 PV3		6 Colours	polyester	0.025	0.060	A	43	100	3.9	5000	B	130 °C
Isotape 51350 PV3-2		7 Colours	polyester	0.050	0.090	A	86	100	3.7	6500	B	130 °C
Isotape 6215 PV3		green	polyester	0.050	0.089	S	78	110	3.5	6000	B	130 °C

Acetate / Cotton / Polyester fabric

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class	
SynTape® A/ 560/ CA.100		black, white	acetate fabric	0.160	0.210	K	55	10	1.8	1500	A	105 °C
NR. 28 from 3M™		white	acetate fabric	-	0.203	K	70	10	4.4	2000	A	105 °C
Intertape 4560	x	natural	acetate fabric	0.152	0.178	K	70	15	5.5	2000	B	130 °C
Isotape 4560 PV3		black, natural	acetate fabric	0.190	0.240	K	63	16	2.6	2500	B	130 °C
Isotape 54657 PV3		greyblue	cotton cloths	0.190	0.260	K	74	20	3.9	2000		-
Isotape 51600 PV3		natural	polyester cloths	0.130	0.180	A	125	35	3.5	2200	B	130 °C

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SynTape® B 616/ GL.95	x	white, black	glass fibre	0.120	0.170	K	300	5	3.5	2500	B	130 °C
NR. 27 from 3M™	x	white	glass fibre	-	0.177	K	252	5	3.3	3000	B	130 °C
SynTape® F 562/ GL.94	x	white	glass fibre	0.120	0.165	A	300	5	4.0	2500	F	155 °C
NR. 79 from 3M™	x	white	glass fibre	0.127	0.177	A	262	5	3.3	3000	F	155 °C
SynTape® H 618/ GL.96	x	white	glass fibre	0.120	0.170	S	300	5	2.3	2500	H	180 °C
SynTape® H/ GL.99	x	white	glass fibre	0.120	0.165	S	250	5	2.2	2500	H	180 °C
NR. 69 from 3M™	x	white	glass fibre	0.150	0.177	S	314	5	4.4	3000	H	180 °C
Intertape 4616	x	black, white	glass fibre	0.127	0.178	K	306	3	5.5	2500	F	155 °C
Intertape 4617	x	white	glass fibre	0.127	0.178	A	350	3	4.4	3000	F	155 °C
Intertape 4618	x	white	glass fibre	0.127	0.178	S	324	3	4.9	2500		200 °C
Isotape 4637 PV3	x	natur	glass fibre	0.145	0.180	A	235	7	5.3	2500	F	155 °C
Isotape 4637 PV3T-3		natur	glass fibre	0.135	0.190	A	235	10	3.5	3500	F	155 °C
Isotape 4638 PV3	x	natur	glass fibre	0.125	0.190	S	235	9	3.9	4000		200 °C

Polyester glass fibre reinforced

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class	
SynTape® F/ PVX.30	x	transparent	polyester	0.110	0.170	A	380	4	6.0	5000	F	155 °C
Isotape 4238 PV3	x	natural	polyester / Glass fibre	0.120	0.190	A	470	14	4.7	6500	F	155 °C

Polyester glass filament reinforced

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class	
SynTape® B/ PR.25	x	white	polyester*	0.085	0.12	K	380	5	3.5	5000	B	130 °C
SynTape® B/ PR.30	x	clear	polyester*	0.100	0.175	K	550	5	4.0	5000	B	130 °C
SynTape® F/ PS.25	x	transparent	polyester*	0.085	0.155	A	380	5	6.5	5000	F	155 °C
SynTape® F/ PS.30	x	transparent	polyester*	0.100	0.175	A	550	5	6.0	5000	F	155 °C
Intertape 4237	x	natural	polyester*	0.114	0.180	A	516	7	4.9	5000	F	155 °C
Intertape 4238	x	natural	polyester*	0.165	0.190	A	657	7.5	4.9	6000	F	155 °C
Intertape 51597	x	natural	polyester*	0.140	0.165	A	438	5	4.4	5000	F	155 °C
Intertape 51599	x	natural	polyester*	0.127	0.178	K	613	5	6.6	5000	B	130 °C
Isotape 4239		natural	polyester*	-	0.180	A	225	5	8.0	6000	F	155 °C

* Polyester glass filament reinforced

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Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class
SynTape® A16-320		yellow	polyester non-woven	-	0.100	A	-	-	6.4	-	-40 bis +100 °C
SynTape® B/ P.231		yellow	polyester	0.023	0.090	K	40	80	5.0	4500	B
NR. 75 from 3M™	x	yellow	polyester	0.025	0.096	K	44	100	4.9	6500	B
Isotape 54965 PV3		transparent	polyester	0.012	0.210	A	15.6	-	10.1	-	-
Isotape 52204		natural	polyester non-woven	-	0.100	A	-	-	10.0	-	-
NR. 4646F from 3M™		dark grey	acrylic foam	-	0.600	A	-	-	20.0	-	-

Aramid / Nomex

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class
SynTape® F/ X.50	x	natural	Nomex®	0.050	0.100	A	35	5	5.5	2500	F
SynTape® F/ X.80		natural	Nomex®	0.080	0.120	A	60	5	5.5	3800	H
SynTape® H564		natural	aramid paper	0.130	0.190	K	25		4.0	500	F
Isotape 56228 PV3	x	natural	Nomex®	0.050	0.090	A	31	10	4.7	2000	F
Isotape 56228 PV3 S		natural	Nomex®	0.050	0.090	S	39	10	3.5	2500	F

PEN

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class
SynTape® F/ K.30AC	x	transparent	PEN	0.025	0.060	A	40	50	5.0	6000	F
SynTape® F/ K.30	x	blue	PEN	0.025	0.060	S	32	50	3.0	6000	H

Polyester non-woven line coated

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V _{eff}	Class
SynTape® B.564	x	white	polyester non-woven	0.060	0.11 bis 0.12	K			10.0		B
SynTape® H.564		white	SynTherm® YT511	0.130	0.190	K	25		10.0		H
Intertape 4564	x	natural	polyester non-woven	0.061	0.165	A	30	35	3.5	500	B

* unimpregnated

** insulating material class and dielectric strength depend on used impregnant

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Laminates

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SynTape® B/ PT.25	x	white	polyester/ polyester non-woven	0.090	0.150	K	30	45	5.0	4800	B	130 °C
SynTape® B/ PT.45	x	white	polyester/ polyester non-woven	0.180	0.235	K	45	20	6.5	5000	B	130 °C
SynTape® B 354/ R.180		natural	polyester/ paper	0.160	0.220	K	70	20	6.5	8000	B	130 °C
SynTape® F/ PX.50	x	natural	Nomex/ polyester	0.090	0.135	K	65	10	5.5	7000	F	155 °C
SynTape® F/ PT.20-20	x	transluzent	polyester/ polyester non-woven	0.098	0.160	A	30	45	8.0	4800	F	155 °C
SynTape® F 131/ PT.40	x	transluzent	polyester/ polyester non-woven	0.160	0.215	A	45	20	6.0	5000	F	155 °C
SynTape® F 356/ PX.50AC		natural	aramidpaper/ polyester	0.090	0.140	A	65	10	4.5	5500	F	155 °C
SynTape® F/ PX.11/18/23		natural	Nomex/ polyester	0.225	0.265	A	40	100	4.0	6000	F	155 °C
Intertape 4426	x	natural, black	polyester / rope fibre	0.101	0.165	K	79	2	6.6	5500	B	130 °C
Intertape 4427	x	natural	polyester / rope fibre	0.089	0.140	K	70	2	6.6	4500	B	130 °C
Intertape 51595	x	natural, black	polyester/ polyester non-woven	0.089	0.114	A	53	30	5.5	5000	F	155 °C
Intertape 51596	x	natural, black	polyester/ polyester non-woven	0.089	0.114	K	55	30	6.6	4500	B	130 °C
Isotape 4350 PV3	x	natural	Nomex/ polyester	0.090	0.130	A	47	10	4.7	6000	F	155 °C
Isotape 51044 PV3	x	natural	polyester/ polyester non-woven	0.170	0.230	A	55	60	4.7	6500	F	155 °C
Isotape 52403		natural	paper / rope fibre	0.200	0.255	A	372	8	4.7	4000	F	155 °C

Paper

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V_{eff}	Class	
SynTape® A/ CP.50		creme	crepp paper	0.11	0.15	K	45	9	2.5	1000	A	105 °C
Isotape 51324		natural	crepp paper	-	0.280	K	47	17	4.0	-		80 °C

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Polyimide / Kapton

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SynTape® F 118/ H.20AC		brown-translucent	Kapton®	0.025	0.060	A	45	35	4.0	6000	F 155 °C
SynTape® F/ H.50AC		brown-translucent	Kapton®	0.050	0.090	A	75	35	3.8	10000	F 155 °C
SynTape® H/ 301		brown-translucent	polyimide	0.030	0.060	S	35	50	1.6	5500	H 180 °C
SynTape® H/ 560		brown-translucent	polyimide	0.025	0.060	S	40	35	2.3	6000	H 180 °C
NR. 92 from 3M™	x	brown-translucent	polyimide	0.025	0.075	S	50	55	2.5	7000	H 180 °C
SynTape® H 428/ H.20	x	brown-translucent	Kapton®	0.025	0.060	S	45	35	2.3	6500	H 180 °C
SynTape® H/ H.50	x	brown-translucent	Kapton®	0.050	0.085	S	75	35	2.5	10000	H 180 °C
Intertape 4118	x	brown	Kapton	0.025	0.067	S	53	60	2.7	7000	H 180 °C
Intertape 4429	x	brown	polyimide	0.050	0.089	S	114	60	3.3	11000	H 180 °C
Intertape 51579		brown	polyimide	0.025	0.056	A	53	60	3.3	7000	F 155 °C
Isotape 4419 PV3	x	brown	polyimide	0.050	0.090	S	102	60	2.8	6500	200 °C
Isotape 4428 PV3	x	brown	Kapton®	0.025	0.064	S	55	80	2.4	7000	200 °C
Isotape 4428 PV3-32	x	brown	polyimide	0.025	0.055	S	45	40	2.1	5500	200 °C
Isotape 51579 PV3	x	brown	polyimide	0.025	0.072	A	55	80	3.3	6500	F 155 °C

Specialties

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V_{eff}	Class
SynTape® AL.050		aluminium	aluminium	0.050	0.090	A	35	3.0	7.5	-	-50 bis +150 °C
SynTape® AS.050		aluminium	aluminium	0.050	0.090	A	35	3.0	5.5	-	-50 bis +150 °C
SynTape® AL.080		aluminium	aluminium	0.080	0.120	A	65	5.0	8.0	-	-50 bis +150 °C
SynTape® AS.080		aluminium	aluminium	0.080	0.120	A	60	5.0	6.0	-	-50 bis +150 °C
SynTape® B/ PM.099		aluminium	polyester alum. metalised	0.023	0.065	A	40	90	3.5	-	-60 bis +150 °C
SynTape® 1695		aluminium	polyester alum. metalised	0.023	0.045	A	50	6.0	2.6	-	-15 bis +130 °C
SynTape® SCUT 36		copper	copper foil	0.036	0.075	A	44	6.0	5.0	-	Kurzz. bis +180 °C
NR. 1181 from 3M™		copper	copper foil	0.040	0.070	A	44	-	3.8	-	-
NR. 1194 from 3M™		copper	copper foil	0.04	0.070	A	50	6.0	4.0	-	-
SynTape® TF.50	x	brown	PTFE	0.050	0.100	S	40	100	3.0	9000	H 180 °C
SynTape® TFE.130		grey	PTFE	0.130	0.190	S	80	320	3.5	11500	H 180 °C
Isotape 4138		transparent, white	polypropylen	0.040	0.065	A	47	100	2.3	4000	-

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Masking tape for circuit boards

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V_{eff}	Class	
SynTape® B/ P.40		green	polyester	0.023	0.06	S	40	90	3	4500	B	130 °C
SynTape® B/ P.42		red	polyester	0.023	0.1	S	40	90	2	4500	B	130 °C
SynTape® B/ P.47		clear	polyester	0.075	0.11	S	95	65	3.5	11000	B	130 °C
SynTape® H/ 301		brown-translucent	polyimide	0.03	0.06	S	35	50	1.6	5500	H	180 °C
SynTape® H/ 560		brown-translucent	polyimide	0.025	0.06	S	33	20	3	-	H	180 °C
NR. 92 from 3M™	x	brown-translucent	polyimide	0.025	0.075	S	50	55	2.5	7000	H	180 °C
SynTape® H 428/ H.20	x	brown-translucent	polyimide	0.025	0.06	S	41	40	2.7	6000	H	180 °C

Pad-cleaning tapes

Product	UL Spec.	Colour	Backing	Backing thickness mm	Total thickness mm	Adhesive	Tear resistance N/10 mm	Elongation %	Adhesive-ness on steel N/10 mm	Dielectric strength V_{eff}	Class
TRB 16 Eco		transparent	polypropylene film, orange-peel-embossing		0.090 +/- 5 %	A			1.20 +/- 10 %		
TRB 19 Optimo		transparent	HDPE film, pyramid embossing		0.130 +/- 5 %	A			1.40 +/- 10 %		

Adhesives

A= Acrylate adhesive

K= Rubber adhesive

S= Silicone adhesive

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Electrical adhesive tapes from SynFlex

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Your advantages

Storage

SynFlex adhesive tapes should always be stored in a cool and dry place at approx. 20 °C and 50-60 % relative humidity.

Cutting tolerance

Standard tolerance of adhesive tapes is ± 0.3 mm. Smaller tolerances are available on request.

Resins and varnishes

Due to the variety of impregnants, it is impossible to make general statements. Especially impregnants containing styrene can be problematic. Please carry out autonomous testing. We will gladly provide you with samples. When using impregnants, it is recommended to apply adhesive tapes with acrylate adhesive.

Technical data sheets

Our technical data sheets contain detailed technical information. Download the data sheets at www.synflex.com or request them from us.

Processing instructions

The surface of components to which tapes are to be applied should be dry, free of grease and clean. The adhesive surface of the tapes should not be soiled when being applied.

Favourable processing temperatures are room temperatures (approx. 18 - 24 °C). The initial bonding strength is poor at lower temperatures.

The adhesive force depends on the contact developed by the adhesive on the surface. Higher contact pressure will press the adhesive into the surface and increases the adhesive force considerably.

Note

Our technical data information is based on the information provided by our suppliers. This information is intended for specialists who should use it at their own discretion and at their own risk. Unfortunately, we cannot guarantee favourable results and shall not be responsible or liable for specified details or results based on this information.

Therefore, we recommend that you carry out test on the products which we supply to ensure their suitability for the intended processes and applications.

We guarantee the perfect quality of our products in accordance with our general sales terms and delivery conditions.

Electrical adhesive tapes of best quality – with UL certification, on request

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**Quality and
UL certification**

Your advantages

In our in-house laboratory SynLab® we carry out many analyses and tests and thus guarantee the best quality. Just like Isotape® and Intertape® electrical adhesive tapes, also some of our SynTape® adhesive tapes have UL certification.

If you require further testing, please contact our experts at SynLab®. In addition to material analyses and life cycle measurements, we offer a broad portfolio of tests and measuring methods to ensure the quality of the materials. We also support you with new approvals, extensions or adaptations of existing UL systems.



Quality assurance

- large laboratory with extensive testing facilities (IR, TGA etc.)
- laboratory services according to UL 1446 (experience in long-term tests and ageing behaviour of materials)
- technical consulting competence provided by specialized product managers

Your advantages

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Electrical adhesive tapes
from SynFlex



Decades of experience in
the production of electrical
adhesive tapes.



Short lead time thanks
to the SynFlex Group
network.

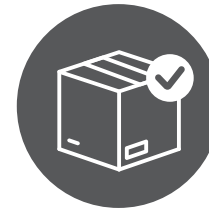
Application areas

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and types of adhesive



Continuously expanded
state-of-the-art machinery.

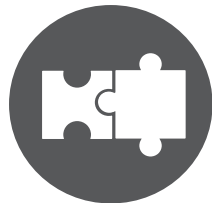


High product availability
and product variance due
to high storage capacities.

Overview of electrical
adhesive tapes

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Quality and
UL certification



Numerous options of vari-
ous material combinations.

Your advantages

At highest level.
The complete **SynFlex** product range.

Winding

Premium Winding Wires
SHWire

Winding Wires
SynWire

Litz & Special Wires
SynWire WW

**Copper &
Aluminium Foils**
SynShield®

Insulate

Insulating Materials
SynTherm®

Electrical Adhesive Tapes
SynTape®-Intertape®-Isotape®

**Electrical Insulating
Sleeving**
SynSleeve

Resins & Varnishes
SynChem

**Stamped & Shaped
Components**
SynPrep

Wrapping Tapes
SynWrap

Connect & Equip

**Connecting Cables &
Transformer Terminals**
SynCon®

Temperature Monitoring
SynTemp®

**Special Components &
Accessoires**
SynParts

SynFlex Group

**Laboratory Services &
UL Services acc. to 1446**
SynLab®

Consulting & Services
SynServ

SynFlex International

Common Goal – Joint Progress:
The Resource of Power.



Insulation Systems, www.synflex.com



Magnet Wires, www.sh-wire.de



Electric Insulation, www.isotek-gmbh.de