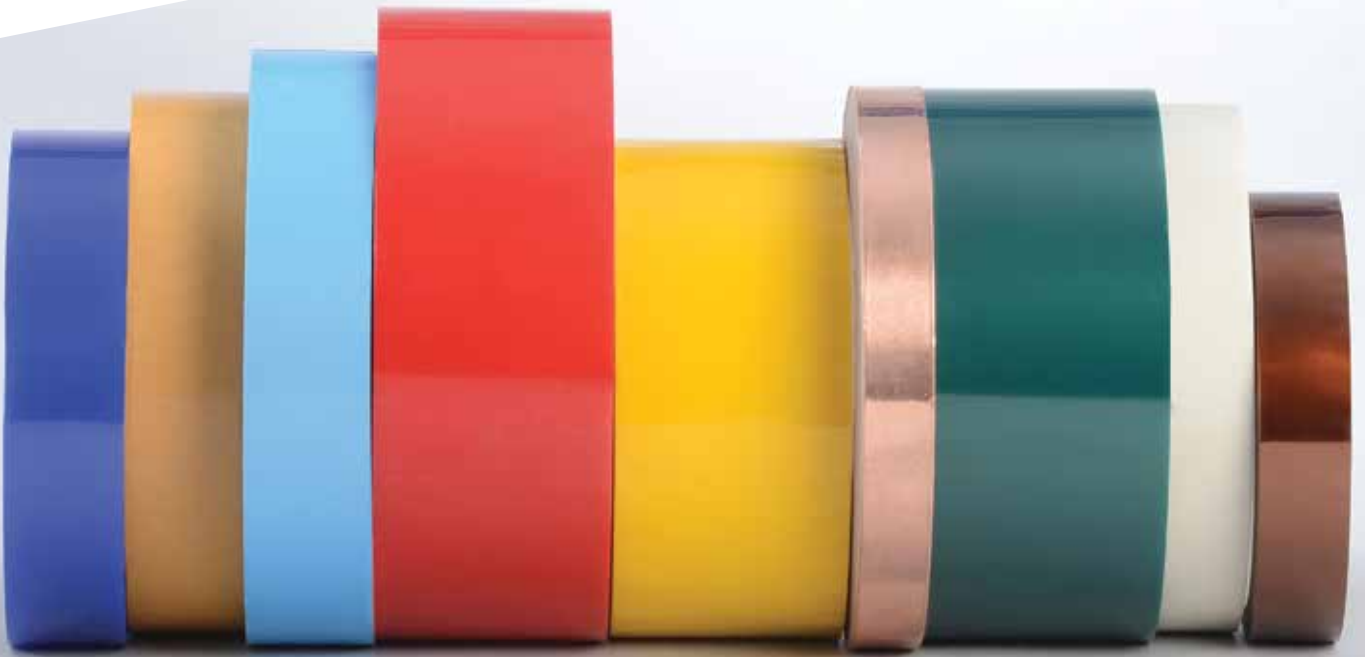


h-old. 



Specialty Adhesive Tapes


SAINT-GOBAIN

Specialty Adhesive Tapes

Saint-Gobain® is your reliable partner for specialty adhesive tape solutions and services to solve your bonding, protection and isolation needs. We are dedicated to working with you and have what it takes to deliver trusted and tailored solutions for everyday needs, from today's most extreme and demanding applications to the challenges that lie ahead.

Our **h-old®** product portfolio includes a wide range of specialty adhesive tapes to serve a diverse range of markets and applications. **H-old** products have been widely respected and recognized since being introduced in 1982, with customers valuing the outstanding quality, flexibility, technical expertise, close collaboration and superior product performance. Unique experience in coating high-end materials with our own formulated rubber, acrylic or silicone adhesives has established the **h-old** brand as a trusted choice for single- and double-sided adhesive tapes.

Manufactured in Italy and distributed globally, **h-old** products follow the highest international quality standards, including certification according to DIN EN ISO 9001, DIN EN ISO 14001 and OHSAS 18001 Health and Safety Management. **H-old** brand products also comply with REACH and RoHS regulations, ensuring our products are free from dangerous or suspect substances. Many **h-old** products are UL recognized under File UL OANZ2 E 178430, OARC2 E506272 and 11 E.I.S. (Electrical Insulation Systems) as third-party certified system components and are therefore fully compliant with product safety standards.



Electro-mechanical

A full range of certified tapes designed to improve the performance of transformers, motors, generators and coils.

Our complete and certified range of products for the electro-mechanical market, featuring a wide variety of substrates and adhesives, is designed to provide the high dielectric, temperature, chemical and mechanical resistance and high tensile strength the industry requires.

The knowledge and competence to use and convert high-performance films and papers such as **Kapton**[®], **Teonex**[®], **Nomex**[®], PET film, aluminium or copper foils with acrylic, silicone and rubber-based adhesives has established us as a global leader in solving electro-mechanical challenges. Whether for use with coils, motors, generators, dry or oil-filled transformers, we offer the solutions you need to optimize your products and processes.



Coils



Motors/generators



Transformers

Home Appliances

Bonding and isolation tapes that open new ways to design and manufacture home appliances.

Today's home appliance manufacturers use various adhesive tapes, designed to fix, secure, protect and isolate appliances and components. Our distinctive knowledge of electrical insulation and how to seal, fasten, enable thermal exchange and bond to various surfaces improves safety, creates efficiencies in the assembly process and offers increased freedom of design in creating next-generation appliances.

Single-sided aluminium tapes, along with tapes based on a variety of filmic backings with removable, printable or flame retardant options (UL 510), can be cost-effective alternatives for manufacturing modern fridges, stovetops, cooktops, ovens or microwaves.



Refrigerators & freezers



Hobs



Microwave ovens



Ovens

Automotive and Transportation

Certified solutions capable of meeting the highest technical and quality requirements of automotive OEMs and Tiers.

As a trusted partner to and supplier of the automotive industry, OEMs and Tiers, customers can expect a wide range of tape solutions and the experience and expertise to meet the unique needs of automotive, transportation and EV applications. In particular, the designs and demands for electric motors can require a specialized combination of electrically insulating materials.

The mechanical, chemical and electrical resistance of a tape used in an electric motor must be considered when sourcing the right materials for increased performance.



Electrical system



Engine area — powertrain

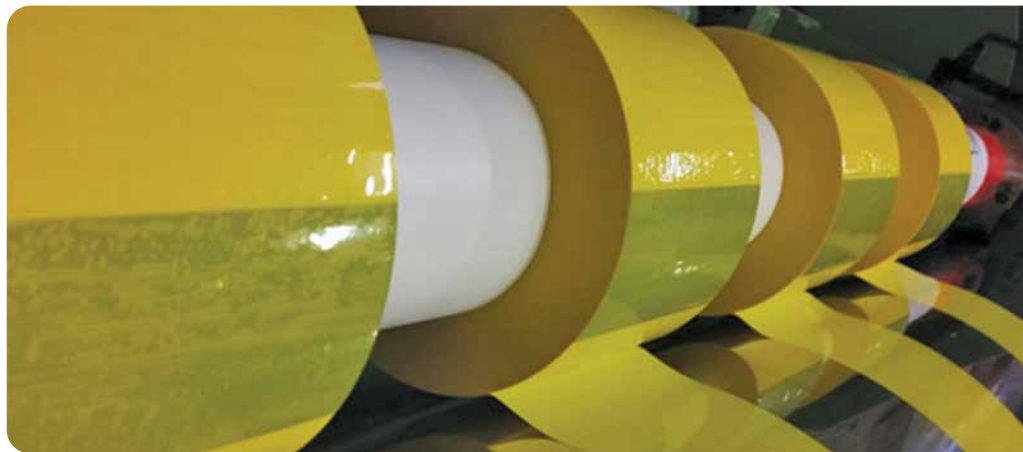


EV

Industrial Splicing

Tapes designed specifically to optimize industrial splicing processes.

Our splicing tapes are characterized by high adhesive shear strength and initial adhesion, easy handling and tear resistance, making them ideal for industrial splicing applications. We continuously improve expertise and products to provide the best solutions for splicing of siliconized substrates, papers, textiles, films, foils, and more.



Butt splicing



Overlap splicing



Roll starting



Closing & tubing

Industrial Masking

High-temperature resistant masking tapes for powder coating and surface finishing.

Offering a variety of pressure sensitive adhesive tapes designed to achieve best results for many types of industrial masking applications, each tape features a combination of good conformability, maximized abrasion resistance, good holding power and clean masking edges.

A wide range of high-temperature masking tapes are available based on paper, polyester and laminates to guarantee good adhesion on difficult substrates, chemical resistance and clean removal after use. Paper tapes are coated with rubber or silicone adhesives while polyester or aluminium foil tapes are ideal for metal plate finishing.



E-coating



Liquid painting



Plating & electroplating



Thermal spray



Powder coating

Building & Construction

Tapes that provide a solid foundation for building success in in- and outdoor applications.

Long-term fixation, UV-resistance, high resistance against abrasion and mechanical stress and waterproofing are among the considerations when developing a tape for building and construction applications. Our solutions incorporate these and more, as they are designed to improve productivity and efficiency for our customers through easy use and special adhesive formulations tailored for a specific application. Good protection against weathering, dust infiltration and outstanding insulation add value to various indoor and outdoor applications and the overall building.



Doors & windows



HVAC



Insulation



Signage

Single Sided Adhesive Tapes

Part Number	Colour*	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation	Dielectric	Insulation Class				Temperature Range		Short Term		Comments
			mil / mm	mil / mm	mil / mm	mil / mm	oz/in	N/cm	lbs/in	N/cm	%	kV			°C	Min °F	Max °F	Min °C	Max °C	°F	°C		

POLYESTER FILM TAPES

P.31	Cl, Y, Bl, B, Nat	R	0.9	0.023	1.5	0.037	2.4	0.06	46	5.0	23	40	80	4.5	130(B)	5	266	-15	130	320	160	UL File E178430
P.315	Y, Cl, B	R	2.0	0.050	1.5	0.037	3.4	0.087	55	6.0	40	70	100	7.0	130(B)	5	266	-15	130	320	160	UL File E178430
11.B	Y, Bl	R	0.9	0.023	1.5	0.037	2.4	0.06	46	5.0	23	40	80	4.5	130(B)	5	266	-15	130	320	160	UL File E178430
P.34	Cl	A	0.9	0.023	1.5	0.037	2.4	0.06	32	3.5	23	40	80	4.5	130(B)	-40	266	-40	130	356	180	UL File E178430
P.34	Y, R, G, Bl, B, W	A	0.9	0.023	1.5	0.037	2.4	0.06	23	2.5	23	40	80	4.5	130(B)	-22	266	-30	130	356	180	UL File E178430
P.3406 HT	Cl	A	3.9	0.100	1.4	0.035	5.3	0.135	27	3.0	97	170	120			-4	266	-20	130	302	150	PET liner
P.3410/LNR	Cl	A	0.9	0.023	1.5	0.037	2.4	0.06	23	2.5	23	40	80	4.5	130(B)	-40	266	-40	130	356	180	PET liner
P.343	Cl	A	0.9	0.023	0.7	0.017	1.6	0.04	23	2.5	23	40	80	4.5	130(B)	-40	266	-40	130	356	180	
P.355	Cl, Y	A	2.0	0.050	1.5	0.037	3.4	0.087	55	6.0	40	70	100	7.0	130(B)	-40	266	-40	130	356	180	
10.B	Cl, Y, Bl, (B*)	A	0.9	0.023	1.5	0.037	2.4	0.06	46	5.0	23	40	80	4.5	130(B)	-40	266	-40	130	356	180	UL File E178430
PM.099	Met	A	0.9	0.023	1.7	0.042	2.6	0.065	32	3.5	23	40	90	4.5		-58	266	-50	130	320	160	
P.36	W	A	0.9	0.023	1.8	0.045	2.7	0.068	41	4.5	23	40	80	4.5	130(B)	-22	266	-30	130	356	200	UL File E178430
5301	Cl	S	0.9	0.023	1.9	0.047	2.8	0.07	27	3.0	23	40	80			-94	356	-70	180	392	200	Embossed PVC liner
5369	Y	S	0.9	0.023	1.9	0.047	2.8	0.07	27	3.0	23	40	80			-94	356	-70	180	392	200	
5377	Bl	S	0.9	0.023	1.2	0.031	2.2	0.077	27	3.0	23	40	80			-76	356	-60	180	392	200	
5676	G	S	2.0	0.050	1.2	0.03	3.2	0.08	27	3.0	40	70	100	7.0		-94	356	-70	180	392	200	
12.SL	Cl, Bl, G, (R*)	S	2.0	0.050	1.2	0.03	3.2	0.08	37	4.0	40	70	100	7.0		-94	356	-70	180	392	200	
6.SL	Cl, Bl, G, R	S	0.9	0.023	1.3	0.032	2.2	0.055	27	3.0	23	40	80	4.5		-94	356	-70	180	392	200	
8.SL	Br	S	0.9	0.023	3.0	0.077	3.9	0.1	12	1.3	23	40	80	4.5		-94	356	-70	180	392	200	
P.40	Cl, Bl	S	0.9	0.023	1.5	0.037	2.4	0.06	27	3.0	23	40	80	4.5		-94	356	-70	180	392	200	
P.40	G, R	S	0.9	0.023	1.5	0.037	2.4	0.06	23	2.5	23	40	80	4.5		-94	356	-70	180	392	200	
P.412	Br	S	3.9	0.100	1.6	0.04	5.5	0.14	12	1.3	97	170	120			-94	356	-70	180	356	180	
P.42	Br	S	0.9	0.023	3.0	0.077	3.9	0.1	12	1.3	23	40	80	4.5		-94	356	-70	180	392	200	
P.43	Cl, G, Bl	S	1.4	0.036	1.5	0.039	3.0	0.075	26	2.8	31	55	90	7.0		-94	356	-70	180	392	200	
P.4408	Cl	S	3.9	0.100	1.4	0.035	5.3	0.135	37	4.0	97	170	120			-94	356	-70	180	356	180	PET liner
P.450	Bl, Cl	S	2.0	0.050	1.4	0.035	3.4	0.085	35	3.8	40	70	100	7.0		-94	356	-70	180	392	200	
P.450	G, (R*, B*)	S	2.0	0.050	1.4	0.035	3.4	0.085	26	2.8	40	70	100	7.0		-94	356	-70	180	392	200	
P.4505	G, (Cl*)	S	2.0	0.050	1.4	0.035	3.4	0.085	26	2.8	40	70	100	7.0		-94	356	-70	180	392	200	PET liner
P.46	Bl, Cl	S	0.9	0.023	1.5	0.037	2.4	0.06	29	3.2	23	40	80			-94	356	-70	180	392	200	PET liner
P.46/G	Bl	S	0.9	0.023	1.6	0.04	2.5	0.063	29	3.2	23	40	80			-94	356	-70	180	392	200	Embossed PVC liner
P.4623	R	S	0.9	0.023	1.7	0.042	2.6	0.065	23	2.5	23	40	80			-94	356	-70	180	392	200	
P.4643	B	S	0.9	0.023	1.7	0.042	2.6	0.065	23	2.5	23	40	80			-94	320	-70	160	356	180	
P.47	Cl	S	3.0	0.075	1.4	0.035	4.3	0.11	46	5.0	57	100	110			-94	356	-70	180	392	200	

POLYESTER FILM TAPES LAMINATED TO NON-WOVEN OR PAPER

40.AC	Cl	A	2.8	0.070	2.0	0.05	4.7	0.12	64	7.0	17	30	45	4.8	155 (F)	-22	311	-30	155	356	180	
PT.20/20	Cl	A	3.9	0.098	2.4	0.062	6.3	0.16	73	8.0	17	30	45	4.8	155 (F)	-40	311	-40	155	356	180	UL File E178430
PT.40	Cl	A	6.3	0.160	2.2	0.055	8.5	0.215	55	6.0	26	45	20	5.0	155 (F)	-40	311	-40	155	356	180	UL File E178430
4.B	W	R	2.8	0.070	1.6	0.04	4.3	0.11	55	6.0	20	35	25	4.8	130 (B)	5	266	-15	130	320	160	
41.B	W	R	6.5	0.165	1.0	0.025	7.5	0.19	39	4.3	23	40	20	4.8	130 (B)	5	266	-15	130	320	160	UL File E178430

Part Number	Colour†	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation %	Dielectric kV	°C	Insulation Class				Temperature Range		Short Term Comments
			mil / mm	mil / mm	mil / mm	mil / mm	oz/in	N/cm	lbs/in	N/cm	Min °F	Max °F				Min °C	Max °C	°F	°C			

POLYESTER FILM TAPES LAMINATED TO NON-WOVEN OR PAPER (CONTINUED)

PT.25	W	R	3.5	0.090	2.4	0.06	5.9	0.15	46	5.0	17	30	45	4.8	130 (B)	5	266	-15	130	320	160	UL File E178430
PT.45	W	R	7.1	0.180	2.2	0.055	9.3	0.235	59	6.5	26	45	20	5.0	130 (B)	5	266	-15	130	320	160	UL File E178430
R.180	Nat	R	6.3	0.160	2.4	0.06	8.7	0.22	59	6.5	40	70	20	8.0	130 (B)	5	266	-15	130	320	160	UL File E178430

POLYESTER FILM TAPES REINFORCED WITH GLASS FILAMENT

46.AC	Cl	A	3.0	0.075	2.0	0.05	4.9	0.125	55	6.0	126	220	5	5.0	155 (F)	-22	311	-30	155	356	180	
PS.25	Cl	A	3.3	0.085	2.8	0.07	6.1	0.155	69	7.5	217	380	5	5.0	155 (F)	-13	311	-25	155	356	180	UL File E178430
PS.30	Cl	A	3.9	0.100	3.0	0.075	6.9	0.175	64	7.0	314	550	5	5.0	155 (F)	-13	311	-25	155	356	180	UL File E178430
PVX.30	Cl	A	4.3	0.110	2.4	0.06	6.7	0.17	55	6.0	217	380	4	5.0	155 (F)	-13	266	-25	130	356	180	UL File E178430
6601	W	A	5.1	0.130	4.1	0.105	9.3	0.235	59	6.5	228	400	7	2.6	130 (B)	-22	266	-30	130	320	160	
PG.70	W	A	6.1	0.155	3.7	0.095	9.8	0.25	55	6.0	228	400	3	2.0	130 (B)	-13	266	-25	130	320	160	
PR.25	W	R	3.3	0.085	1.4	0.035	4.7	0.12	32	3.5	217	380	5	5.0	130 (B)	5	266	-15	130	320	160	UL File E178430
PR.30	Cl	R	3.9	0.100	3.0	0.075	6.9	0.175	37	4.0	314	550	5	5.0	130 (B)	5	266	-15	130	320	160	UL File E178430

PAPER ADHESIVE TAPES

6765	Nat	R	3.7	0.095	1.2	0.03	4.9	0.125	23	2.5	16	28	8			5	176	-15	80	194	90	
FP.49	Nat	R	4.3	0.110	1.6	0.04	5.9	0.15	41	4.5	23	40	4			5	194	-15	90	248	120	Paper liner
FP.50	Nat	R	4.3	0.110	1.6	0.04	5.9	0.15	59	6.5	23	40	4			5	194	-15	90	248	120	Paper liner
CP.50	Nat	R	4.3	0.110	1.6	0.04	5.9	0.15	23	2.5	26	45	9			5	212	-15	100	266	130	
SP.110	W	S	3.9	0.100	1.8	0.045	5.7	0.145	27	3.0	17	30	5			-94	356	-70	180	428	220	

GLASS CLOTH ADHESIVE TAPES

GL.94	W, B	A	4.7	0.120	1.8	0.045	6.5	0.165	37	4.0	171	300	5	2.5	155 (F)	-58	311	-50	155	356	180	UL File E178430
GL.95	W, B	R	4.7	0.120	2.0	0.05	6.7	0.17	32	3.5	171	300	5	2.5	130 (B)	5	266	-15	130	320	160	UL File E178430
GL.96	W	S	4.7	0.120	2.0	0.05	6.7	0.17	21	2.3	171	300	5	2.5	180 (H)	-112	356	-80	180	572	300	UL File E178430
GL.97	W	A	4.7	0.120	2.3	0.058	7.0	0.178	41	4.5	228	400	7	3.0	155 (F)	-58	311	-50	155	356	180	
GL.99	W	S	4.7	0.120	1.8	0.045	6.5	0.165	20	2.2	143	250	5	2.5	180 (H)	-94	356	-70	180	536	280	UL File E178430

NOMEX® PAPER ADHESIVE TAPES

X.50	W	A	2.0	0.050	2.0	0.05	3.9	0.1	50	5.5	20	35	5	2.5	155(F)	-40	311	-40	155	356	180	UL File E178430
X.80	W	A	3.1	0.080	1.6	0.04	4.7	0.12	50	5.5	34	60	5	3.8	155(F)	-40	311	-40	155	356	180	
X.130	W	A	5.1	0.130	2.0	0.05	7.1	0.18	64	7.0	63	110	5	5.0	155(F)	-40	311	-40	155	356	180	
X.250 Liner	Nat	A	9.8	0.250	2.0	0.05	11.8	0.3	55	6.0	143	250	5		155(F)	-40	311	-40	155	356	180	Paper liner
X.51	W	R	2.0	0.050	1.8	0.045	3.7	0.095	46	5.0	20	35	5	2.5	155(F)	5	311	-15	155	320	160	UL File E178430
X.180	W	R	7.1	0.180	2.4	0.06	9.5	0.24	37	4.0	114	200	5	6.7	155 (F)	5	311	-15	155	356	180	
GX.50	W	R	4.3	0.110	1.6	0.04	5.9	0.15	41	4.5	91	160	3	3.5	155(F)	5	311	-15	155	320	160	Nomex/ glass cloth
PX.50	W	R	3.5	0.090	1.8	0.045	5.3	0.135	50	5.5	37	65	10	7.0	155(F)	5	311	-15	155	320	160	Nomex/ PET film, UL File E178430
RX.50	W	R	4.9	0.125	1.4	0.035	6.3	0.16	46	5.0	46	80	5	2.5	155(F)	5	311	-15	155	320	160	Nomex/ PET fila- ments, UL File E178430
19.F	W	R	3.5	0.090	1.8	0.045	5.3	0.135	50	5.5	37	65	10	7.0	155 (F)	5	311	-15	155	320	160	Nomex/ PET film, UL File E178430

Part Number	Colour†	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation	Dielectric	Insulation Class		Temperature Range		Short Term Comments
			mil / mm	mil / mm	mil / mm	mil / mm	oz/in	N/cm	lbs/in	N/cm	%	kV			°C	Min °F	Max °F	Min °C	

POLYIMIDE FILM ADHESIVE TAPES

H.20 AC	Br	A	1.0	0.025	1.4	0.035	2.4	0.06	37	4.0	26	45	35	6.0	155(F)	-40	311	-40	155	356	180	Kapton® film
H.50 AC	Br	A	2.0	0.050	1.6	0.04	3.5	0.09	35	3.8	43	75	35	10.0	155(F)	-40	311	-40	155	356	180	Kapton film
70.AC	Br	A	1.0	0.025	1.4	0.035	2.4	0.06	37	4.0	23	40	35	6.0	155(F)	-40	311	-40	155	356	180	UL File E178430
3776	Br	S	4.9	0.125	1.8	0.045	6.7	0.17	18	2.0	103	180	50	19.0	180(H)	-94	356	-70	180	500	260	Kapton film
H.20	Br	S	1.0	0.025	1.4	0.035	2.4	0.06	21	2.3	26	45	35	6.5	180(H)	-94	356	-70	180	500	260	Kapton film, UL File E178430
H.205	Br	S	1.0	0.025	1.4	0.035	2.4	0.06	21	2.3	26	45	35	6.5	180(H)	-94	356	-70	180	500	260	Kapton film, PET liner
H.50	Br	S	2.0	0.050	1.4	0.035	3.4	0.085	23	2.5	43	75	35	10.0	180(H)	-94	356	-70	180	500	260	Kapton film, UL File E178430
560	Br	S	1.0	0.025	1.4	0.035	2.4	0.06	21	2.3	23	40	35	6.0	180(H)	-94	356	-70	180	500	260	
660	Br	S	2.0	0.050	1.4	0.035	3.4	0.085	23	2.5	43	75	35	10.0	180(H)	-94	356	-70	180	500	260	
71.SL	Br	S	1.0	0.025	1.4	0.035	2.4	0.06	21	2.3	23	40	35	6.0	180(H)	-94	356	-70	180	500	260	UL File E178430

TEONEX® PEN FILM ADHESIVE TAPES

K.30 AC	Cl	A	1.0	0.025	1.4	0.035	2.4	0.06	46	5.0	23	40	50	6.0	155 (F)	-94	311	-70	155	392	200	UL File E178430
K.50 AC	Bl (Cl on demand)	A	2.0	0.050	1.4	0.035	3.4	0.085	41	4.5	51	90	60	8.0	155 (F)	-94	311	-70	155	428	220	
K.30	Bl(Cl,R on demand)	S	1.0	0.025	1.4	0.035	2.4	0.06	27	3.0	23	40	50	6.0	180 (H)	-94	356	-70	180	464	240	UL File E178430
K.305			1.0	0.025	1.4	0.035	2.4	0.06	27	3.0	23	40	50	6.0	180 (H)	-94	356	-70	180	464	240	PET liner, UL File E178430
K.50	R(Cl & Bl on demand)	S	2.0	0.050	1.4	0.035	3.4	0.085	23	2.5	51	90	60	8.0	180 (H)	-94	356	-70	180	464	240	UL File E178430
K.505		S	2.0	0.050	1.4	0.035	3.4	0.085	23	2.5	51	90	60	8.0	180 (H)	-94	356	-70	180	464	240	PET liner

ALUMINIUM FOIL ADHESIVE TAPES

AL.30	Met	A	1.2	0.030	1.2	0.03	2.4	0.06	46	5.0	14	25	3			-58	302	-50	150	356	180	
AL.40	Met	A	1.6	0.040	1.6	0.04	3.2	0.08	59	6.5	20	35	3			-58	302	-50	150	356	180	
AL.50	Met	A	2.0	0.050	1.6	0.04	3.5	0.09	69	7.5	20	35	3			-58	302	-50	150	356	180	UL File E506272
AL.80	Met	A	3.1	0.080	1.6	0.04	4.7	0.12	73	8.0	37	65	5			-58	302	-50	150	356	180	
AL.100	Met	A	3.9	0.100	1.6	0.04	5.5	0.14	79	8.7	37	65	5			-58	302	-50	150	356	180	
AL.150	W	A	5.9	0.150	1.6	0.04	7.5	0.19	82	9.0	51	90	6			-58	302	-50	150	356	180	
AL088 Black	B	A	2.6	0.065	1.4	0.035	3.9	0.1	64	7.0	26	45	4			-40	302	-40	150	356	180	
AL088 Brown	Br	A	2.6	0.065	1.4	0.035	3.9	0.1	64	7.0	26	45	4			-40	302	-40	150	356	180	
AL088 White	W	A	2.6	0.065	1.4	0.035	3.9	0.1	64	7.0	26	45	4			-40	302	-40	150	356	180	
EA.100	Met	A	7.9	0.200	1.6	0.04	9.5	0.24	73	8.0	0					-40	302	-40	150	356	180	
4010	Met	A	1.2	0.030	1.6	0.04	2.8	0.07	46	5.0	11	20	3			-22	248	-30	120	302	150	
4110	Met	A	1.6	0.040	1.6	0.04	3.2	0.08	55	6.0	17	30	3			-22	248	-30	120	302	150	
4210	Met	A	2.0	0.050	1.6	0.04	3.5	0.09	59	6.5	20	35	3			-22	248	-30	120	302	150	
4440	B	A	2.2	0.056	1.5	0.039	3.7	0.095	59	6.5	26	45	4			-40	302	-40	150	356	180	
4465	Met	A	2.0	0.050	1.1	0.027	3.0	0.077	20	2.2	29	50	4			-22	302	-30	150	392	200	Removable acrylic
CAL.40	Met	A	1.6	0.040	1.9	0.048	3.5	0.088	37	4.0	29	50	6			-40	302	-40	150	356	180	Electrically conductive adhesive
4281	Met	S	2.0	0.050	1.4	0.035	3.4	0.085	41	4.5	20	35	3			-94	428	-70	220	572	300	PET liner
4388	Met	S	3.1	0.080	1.4	0.035	4.5	0.115	46	5.0	37	65	5			-94	428	-70	220	572	300	PET liner

Part Number	Colour†	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation %	Dielectric kV	Dielectric °C	Insulation Class		Temperature Range		Short Term Comments
			mil / mm	mil / mm	mil / mm	mil / mm	oz/in	N/cm	lbs/in	N/cm	Min °F	Max °F				Min °C	Max °C	°F	°C	

ALUMINIUM FOIL ADHESIVE TAPES (CONTINUED)

GLA.200	Met	S	8.7	0.220	1.6	0.04	10.2	0.26	27	3.0	314	550	2			-22	482	-30	250	572	300	Aluminium glass cloth, embossed PVC liner
4255	Met	R	2.0	0.050	2.0	0.05	3.9	0.1	137	15.0	26	45	4			-4	212	-20	100	248	120	

ALUMINIUM FOIL ADHESIVE TAPES (SELF-WOUND)

AR.50	Met	A	2.0	0.050	1.6	0.04	3.5	0.09	50	5.5	20	35	3			-58	302	-50	150	356	180	
AR.80	Met	A	3.1	0.080	1.6	0.04	4.7	0.12	55	6.0	37	65	5			-58	302	-50	150	356	180	
AS.40	Met	A	1.6	0.040	1.6	0.04	3.2	0.08	46	5.0	20	35	3			-58	302	-50	150	356	180	
AS.50	Met	A	2.0	0.050	1.6	0.04	3.5	0.09	50	5.5	20	35	3			-58	302	-50	150	356	180	UL File E506272
AS.80	Met	A	3.1	0.080	1.6	0.04	4.7	0.12	55	6.0	37	65	5			-58	302	-50	150	356	180	

LAMINATED PET/ALU ADHESIVE TAPES

6330 Liner	Met	A	2.2	0.055	1.5	0.039	3.7	0.094	78	8.5	34	60	20			-40	302	-40	150	356	180	
AP.009	Met	A	1.4	0.035	1.6	0.04	3.0	0.075	69	7.5	29	50	20			-40	302	-40	150	356	180	
AP.030	Met	A	2.2	0.055	1.4	0.035	3.5	0.09	87	9.5	34	60	20			-40	302	-40	150	356	180	
6350	Met	R	1.8	0.052	1.3	0.034	3.2	0.08	128	14.0	34	60	20			-40	248	-40	120	356	180	

COPPER FOIL TAPES

4536	Met	A	1.4	0.036	1.5	0.039	3.0	0.075	50	5.5	37	65	6			-40	302	-40	150	356	180	
CUN.38	Met	A	1.6	0.040	1.8	0.045	3.4	0.085	37	4.0	29	50	6			-40	302	-40	150	356	180	Tin clad copper, electrically conductive adhesive
SCUT.36	Met	A	1.4	0.036	1.5	0.039	3.0	0.075	46	5.0	37	65	6			-40	302	-40	150	356	180	Electrically conductive adhesive, UL File E506272

PTFE FILM ADHESIVE TAPES

TF.50	Br	S	2.0	0.050	2.0	0.05	3.9	0.1	27	3.0	23	40	100	9	180 (H)	-94	428	-70	220	500	260	UL File E178430
TFE.130	Gr	S	5.1	0.130	2.4	0.06	7.5	0.19	32	3.5	46	80	320	11.5	180 (H)	-94	428	-70	220	500	260	

POLYPROPYLENE FILM ADHESIVE TAPES

970	Bl, Nat	R	3.3	0.085	1.2	0.03	4.5	0.115	32	3.5	171	300	35			-22	158	-30	70	248	120	
980	Y, B	R	4.5	0.115	1.4	0.035	5.9	0.15	32	3.5	214	375	35			-22	158	-30	70	248	120	
3134	Bl	A	2.2	0.055	0.8	0.02	3.0	0.075	23	2.5	114	200	45			-58	158	-50	70	248	120	

POLYETHYLENE FILM ADHESIVE TAPES

PE.090	Cl (W, R and Bl on demand)	A	3.5	0.090	1.6	0.04	5.1	0.13	32	3.5	5	8.0	200	8		-58	140	-50	60	158	70	
PE.120	Cl	A	4.7	0.120	1.6	0.04	6.3	0.16	41	4.5	5	9.0	180	9		-58	140	-50	60	158	70	
PE.091	W (Cl and B on demand)	R	3.5	0.090	0.4	0.01	3.9	0.1	18	2.0	5	8.0	200	8		-22	140	-30	60	158	70	

Double Sided Adhesive Tapes

Part Number	Colour*	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Temperature Range		Short Term	Comments
			mil / mm	mil / mm	mil / mm	mil / mm	oz/in	N/cm	Min °F	Max °F	Min °C	Max °C		

TRANSFER TAPES

8000	Cl	A		2.0	0.05	2.0	0.05	46	5.0	-40	284	-40	140	338	170	
8002	Cl	A		2.4	0.06	2.4	0.06	55	6.0	-40	248	-40	120	284	140	
8003	Cl	A		2.4	0.06	2.4	0.06	55	6.0	-40	248	-40	120	284	140	
8004	R, Y	A		1.6	0.04	1.6	0.04	46	5.0	-22	212	-30	100	284	140	
8029	Cl	A		2.0	0.05	2.0	0.05	27	3.0	-22	230	-30	110	284	140	
8030	Cl	A		2.0	0.05	2.0	0.05	23	2.5	-22	230	-30	110	284	140	
8035	Cl	A		5.1	0.13	5.1	0.13	82	9.0	-40	176	-40	80	248	120	
9123	Cl	A		2.0	0.05	2.0	0.05	23	2.5	-22	230	-30	110	284	140	
9124	Cl	A		2.0	0.05	2.0	0.05	46	5.0	-22	230	-30	110	284	140	
9125	Cl	A		2.0	0.05	2.0	0.05	55	6.0	-22	230	-30	110	284	140	
9127	Cl	A		2.2	0.055	2.2	0.055	37	4.0	-22	230	-30	110	284	140	
9150	Cl	A		4.7	0.12	4.7	0.12	82	9.0	-22	230	-30	110	284	140	
9160	Cl	A		5.1	0.13	5.1	0.13	119	13.0	-22	230	-30	110	284	140	

ATG TRANSFER TAPES

8031	Cl	A		2.0	0.05	2.0	0.05	27	3	-22	230	-30	110	284	140	Standard widths: 6-9-12-19 mm
8036	Cl	A		5.1	0.13	5.1	0.13	82	9	-22	176	-30	80	248	120	Standard widths: 6-9-12-19 mm
9122 R	Cl	A		1.6	0.04	1.6	0.04	23	2.5	-22	230	-30	110	284	140	Standard widths: 6-9-12-19 mm
9123 R	Cl	A		2.0	0.05	2.0	0.05	23	2.5	-22	230	-30	110	284	140	Standard widths: 6-9-12-19 mm
9124 R	Cl	A		2.0	0.05	2.0	0.05	46	5	-22	230	-30	110	284	140	Standard widths: 6-9-12-19 mm
9127 R	Cl	A		2.2	0.055	2.2	0.055	37	4	-22	230	-30	110	284	140	Standard widths: 6-9-12-19 mm
9150 R	Cl	A		4.7	0.12	4.7	0.12	82	9	-22	230	-30	110	284	140	Standard widths: 6-9-12-19 mm
9121 R	Cl	A		1.0	0.025	1.0	0.025	5	0.5	-22	212	-30	100	284	140	Standard widths: 12-19 mm

TISSUE TAPES

7110	Cl	A	2.4	0.06	3.6	0.092	6.0	0.152	37	4.0	-22	266	-30	130	320	160	
9175	Cl	A		3.9	0.1	3.9	0.1	41	4.5	-4	284	-20	140	320	160		
8500	Cl	A		3.9	0.1	3.9	0.1	41	4.5	-4	266	-20	130	356	180		
8530	Cl	A		6.7	0.17	6.7	0.17	73	8.0	-4	266	-20	130	320	160		
8535	Cl	A		8.3	0.21	8.3	0.21	55	6.0	-4	248	-20	120	356	180		
9170	Cl	A		4.3	0.11	4.3	0.11	73	8.0	-4	122	-20	50	149	65		

POLYESTER TAPES

8103	R, Y	A	0.5	0.012	3.2	0.08	3.6	0.092	27	3.0	-40	266	-40	130	320	160	
8100	Cl	A	0.5	0.012	1.7	0.043	2.2	0.055	27	3.0	-4	266	-20	130	356	180	
8102	Cl	A	0.5	0.012	3.3	0.083	3.7	0.095	41	4.5	-22	266	-30	130	320	160	
8167	Cl	A	0.5	0.012	5.8	0.148	6.3	0.16	64	7.0	-4	248	-20	120	320	160	
7096	Cl	A	0.9	0.012	7.0	0.188	7.9	0.2	91	10.0	-4	302	-20	150	356	180	
9169	Cl	A	0.9	0.012	7.0	0.188	7.9	0.2	91	10.0	-4	302	-20	150	356	180	
8621	Cl	A/R	0.9	0.023	2.4	0.062	3.4	0.085	1/46	0.1/5.0	-22	176	-30	80	212	100	
8644	Cl	A/S	0.9	0.023	3.5	0.09	4.5	0.113	46/23	5.0/2.5	-40	320	-40	160	374	190	
8650	Cl	A/S	0.9	0.023	3.5	0.09	4.5	0.113	30/48	3.30/5.2	-40	365	-40	185	410	210	
8822	Cl, Gr	S	0.9	0.023	3.0	0.077	3.9	0.1	37	4.0	-22	320	-30	160	428	220	
8825	R, Cl	S	2.0	0.05	3.0	0.075	4.9	0.125	32	3.5	-40	320	-40	160	428	220	
8842	Br	S	0.9	0.023	5.8	0.147	6.7	0.17	12	1.3	-22	266	-30	130	356	180	
P.231	Y	R	0.9	0.023	2.6	0.067	3.5	0.09	46	5.0	-4	248	-20	120	320	160	
7010	Cl	A	0.5	0.012	5.5	0.140	6.0	0.152	55	6.0	-22	266	-30	130	320	160	

Part Number	Colour†	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Temperature Range				Short Term	Comments
			mil / mm	mil / mm	mil / mm	mil / mm	oz/in	N/cm	Min °F	Max °F	Min °C	Max °C	°F	°C		

KAPTON® FILM TAPES

H.220	Br	S	1.0	0.025	3.0	0.075	3.9	0.1	25	2.7	-94	356	-70	180	500	260	
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PE FOAM TAPES

2108	B	A	118.1	3	3.9	0.1	122.1	3.1	37	4.0	-22	194	-30	90	248	120	Havana paper liner
2108 PPB	B	A	118.1	3	3.9	0.1	122.1	3.1	37	4.0	-22	194	-30	90	248	120	Blue PP liner
2110	B	A	39.4	1	3.9	0.1	43.3	1.1	82	9.0	-22	194	-30	90	248	120	White paper liner
2111	B	A	39.4	1	3.9	0.1	43.3	1.1	82	9.0	-22	194	-30	90	248	120	Blue PP liner
2116	B	A	59.1	1.5	3.9	0.1	63.0	1.6	69	7.5	-22	194	-30	90	248	120	Green paper liner
2117	B	A	59.1	1.5	3.9	0.1	63.0	1.6	69	7.5	-22	194	-30	90	248	120	Blue PP liner
2130	B	A	31.5	0.8	3.9	0.1	35.4	0.9	46	5.0	-22	194	-30	90	248	120	Brown paper liner
2132	B	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	248	120	Green paper liner
2133	B	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	248	120	Green PE liner
2134	B	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	248	120	Blue PP liner
2136	B	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	248	120	White paper liner
2150	W	A	19.7	0.5	3.9	0.1	23.6	0.6	27	3.0	-22	194	-30	90	248	120	White paper liner
2203	B	A	19.7	0.5	3.9	0.1	23.6	0.6	55	6.0	-22	194	-30	90	248	120	Brown paper liner
8902	W	A	78.7	2	3.9	0.1	82.7	2.1	32	3.5	-22	194	-30	90	248	120	White paper liner
8908	W	A	39.4	1	3.9	0.1	43.3	1.1	5/46	0.5/5.0	-22	194	-30	90	248	120	Havana paper liner
8909	W	A	39.4	1	3.9	0.1	43.3	1.1	91	10.0	-22	194	-30	90	248	120	Blue PP liner
8910	W	A	39.4	1	3.9	0.1	43.3	1.1	82	9.0	-22	194	-30	90	248	120	White paper liner
8911	W	A	39.4	1	3.9	0.1	43.3	1.1	82	9.0	-22	194	-30	90	248	120	Havana paper liner
8913	W	A	118.1	3	3.9	0.1	122.1	3.1	32	3.5	-22	194	-30	90	248	120	White paper liner
8915	W	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	248	120	Green PE liner
8916	W	A	59.1	1.5	3.9	0.1	63.0	1.6	64	7.0	-22	194	-30	90	248	120	White paper liner
8916 PPB	W	A	59.1	1.5	3.9	0.1	63.0	1.6	64	7.0	-22	194	-30	90	248	120	Blue PP liner
8918	W	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	248	120	Blue PP liner
8919	W	A	31.5	0.8	3.9	0.1	35.4	0.9	82	9.0	-22	194	-30	90	212	100	White paper liner
8920	W	R	31.5	0.8	3.9	0.1	35.4	0.9	91	10.0	14	158	-10	70	212	100	Havana paper liner
8921	W	R	31.5	0.8	3.9	0.1	35.4	0.9	91	10.0	14	158	-10	70	212	100	White paper liner
8922	W	R	59.1	1.5	3.9	0.1	63.0	1.6	82	9.0	14	158	-10	70	212	100	Havana paper liner
8923	W	R	59.1	1.5	3.9	0.1	63.0	1.6	82	9.0	14	158	-10	70	212	100	White paper liner
8930	W	R	39.4	1	3.9	0.1	43.3	1.1	91	10.0	14	158	-10	70	212	100	White paper liner
8932	W	R	78.7	2	3.9	0.1	82.7	2.1	32	3.5	14	158	-10	70	212	100	White paper liner
8933	W	R	118.1	3	3.9	0.1	122.1	3.1	37	4.0	14	158	-10	70	212	100	Havana paper liner

†COLOUR LEGEND

B = Black Bl = Blue Br = Brown Cl = Clear G = Green Gr = Grey Met = Metallic Nat = Natural R = Red W = White Y = Yellow
 * = on demand

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