

PERMACEL, A NITTO DENKO COMPANY
 CORPORATE HEADQUARTERS
 7201 108th Street
 Pleasant Prairie, WI 53158
 Tel: 262.948.3150
 Fax: 262.947.7260
 www.permacel.com



Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
AW-8-1/2™	Vinyl film	All weather electricians' tape	20	20	8.5	250
EE-1010	Compressible closed-cell EPT foam with acrylic adhesive, one side	Environmental sealing	14*	45	120-1000	510
EE-1040	Compressible closed-cell EPT foam with butyl adhesive, one side	Environmental sealing	14*	79	120-1000	510
EM-140	Closed-cell EPT foam with butyl adhesive, one side	Environmental sealing	52*	77	120-600	260
EE-710FR	Flame retardant compressible closed-cell EPT foam with acrylic adhesive, one side	Environmental sealing	15*	40	120-760	410
EE-740FR	Flame retardant compressible closed-cell EPT foam with butyl adhesive, one side	Environmental sealing	15*	79	120-760	410
J-LAR II®	Polypropylene film (BOPP), heavy gauge	Laminating protective covering	37	40	3.5	140
J-LAR® 910	Polypropylene, clear, industrial	Combination, packaging, label protection	35	25	2.1	75
MC-2000	Precision engineered double-coated tape	Laminating and nameplate tape	N/A	30	2.5	N/A
ML102S	PVC film, black or white	Surface protection	19.4	8	5	220
N-700S	Polyethylene/paper laminate	Hot air leveling mask	20	25	11	9
P-02	Paper, double-coated	Holding, splicing laminating	45	75	7.5	N/A
P-09B	Polyester-based double-coated splicing tape	Very aggressive double-coated splicing tape for flexible packaging and film substrates	N/A	85	4.5	N/A
P-05	Paper, double-coated	Bonding, splicing, core starting	15	120	6.5	5
P-100	Aluminum foil/glass cloth/silicone adhesive	High temperature shielding, heat reflective, plasma spray mask	120	60	6.8	5
P-11	Aluminum foil	Sealing, heat shielding, HVAC applications, aircraft paint stripping	28	65	5	5.5
P-11L	Aluminum foil, interlined	Aircraft paint stripping	28	65	5	5.5
P-111 AL	Aluminum foil conductive acrylic adhesive	EMI/RFI shielding	15	49	3.8	5
P-12L	Aluminum foil/cloth laminate	Sound damping, vibration damping	50	50	19.7	8
P-14	Aluminum foil	Sealing, heat shielding, HVAC applications, aircraft paint stripping	26	40	4	5
P-162	Polyester, glass reinforced, premium	Heavy duty packaging, strapping	360	50	7.2	5
P-167	Polyester, glass reinforced	Medium weight packaging, strapping	340	50	7	5
P-170	Polypropylene/glass reinforced	Palletizing unitizing, bundling & sealing	150	65	5.5	5
P-172	Polypropylene/glass reinforced	Palletizing unitizing, bundling & sealing	110	65	5.5	5

PERMACEL

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
P-174	Polypropylene/glass reinforced	Palletizing unitizing, bundling & sealing	100	48	3.8	5
P-201 WHT	Cotton cloth, rubber	Electrical insulating, Class 105°C	46	46	10.9	5
P-21 WHT	Glass cloth, rubber	Electrical insulating, Class 155°C	160	50	7.3	6
P-21SP WHT	Glass cloth, rubber	Electrical insulating, Class 155°C	125	45	7	6
P-212	Glass cloth, silicone	Electrical insulating, Class 200°C	175	41	7.5	7
P-212HD	Glass cloth, silicone	Electrical insulating, Class 200°C	170	55	10.2	7
P-213 WHT	Glass cloth, acrylic	Electrical insulating, Class 155°C	184	37	7.3	6
P-214 WT	Glass cloth, acrylic	Electrical insulation, Class 155°C	206	46	7.7	6
P-215	Double-sided glass cloth/silicone	Thermal spray and other high-temperature masking	122.5	25	7	6
P-221 AMB	1 mil polyimide, amber/silicone	Printed circuit board solder mask, electrical insulation, Class 180°C	36	27	2.6	85
P-222 AMB	2 mil polyimide, amber/silicone	Electrical insulating, Class 180°C	71	26	3.7	90
P-223 AMB	1 mil double-coated polyimide	Electrical insulating, Class 180°C	36	41	4.3	85
P-224 AMB	1 mil polyimide, amber/acrylic	Electrical insulating, Class 155°C	36	37	2.9	85
P-232 RED	1 mil polyester, silicone	Electrical insulating, Class 130°C	25	31	2.4	90
P-234 CLR	1.25 mil polypropylene, acrylic	Electrical insulating, Class 85°C	20	30	2	125
P-235 WHT	0.5 mil polyester film/paper, tan, rubber	Electrical insulating, Class 130°C	35	50	5	5
P-236 BK	0.5 mil polyester film/paper, black, rubber	Electrical insulating, Class 130°C	35	50	5	5
P-24 WT	Acetate taffeta cloth, white, rubber	Electrical insulating, Class 105°C	46	48	7.8	10
P-2402	Paper, glass filament, acrylic	Construction of oil-filled transformers	309	50	9.5	6
P-2411	Flame retardant acetate cloth, white, acrylic	Electrical insulating, Class 95°C	45	30	7	10
P-2412	Flame retardant acetate taffeta cloth, black, rubber	Electrical insulating, Class 95°C	46	41	8.9	10
P-242 BLK	Acetate taffeta, black, rubber	Electrical insulating, Class 105°C	40	48	7.8	10
P-243 TAN	Polyester film/polyester non-woven, white, rubber	Electrical insulating, Class 130°C	40	73	6.5	40
P-245 TN	Polyester film/polyester non-woven, tan, rubber	Electrical insulating, Class 130°C	31	51	5.9	90
P-245 BLK	Polyester film/polyester non-woven, black, rubber	Electrical insulating, Class 130°C	31	51	5.9	90
P-245B TN	Polyester film/polyester non-woven, rubber	Electrical insulating, Class 130°C	31	51	5.9	90
P-245HD TN	Polyester film/polyester non-woven, tan or black, rubber	Electrical insulating, Class 130°C	41	51	6.5	100
P-245HDA	Polyester film/polyester non-woven, tan, acrylic	Electrical insulating, Class 155 C	40	30	7	80

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
P-246 TAN	Polyester film/glass filament, rubber	Electrical insulating, Class 130°C	304	61	6.5	6
P-246HD	Polyester film/glass filament, rubber	Electrical insulating, Class 130°C	310	60	6.5	5
P-247 WHT	Polyester film/glass filament, acrylic	Electrical insulating, Class 155°C	303	36	6.9	6
P-247HD	Polyester film/glass filament, acrylic	Electrical insulating, Class 155°C	300	60	7.5	7
P-248	1 mil polyester film/paper, tan & black, rubber	Electrical insulating, Class 130°C	46	70	5.9	2
P-252 ORG	1 mil polyester, orange, rubber thermosetting	Electrical insulating, Class 130°C	26	51	2.4	90
P-253 CLR	1 mil polyester, clear, rubber thermosetting	Electrical insulating, Class 130°C	26	51	2.4	90
P-254 ORG	2 mil polyester, orange, rubber thermosetting	Electrical insulating, Class 130°C	51	62	3.4	120
P-255 CLR	2 mil polyester, clear, rubber thermosetting	Electrical insulating, Class 130°C	51	62	3.4	120
P-256 YLW	1 mil polyester, yellow, rubber thermosetting	Electrical insulating, Class 130°C	26	51	2.4	90
P-258 YLW	1 mil printable polyester, yellow, rubber thermosetting	Electrical insulating, Class 130°C	26	51	2.4	90
P-259 YEL	2 mil printable polyester yellow, rubber thermosetting	Electrical insulating, Class 130°C	51	55	3.4	120
P-262E	Nomex† aramid, flatback, acrylic flame retardant	Electrical insulating, Class 155°C	27	48	3.5	0
P-277 YW	Kraft, crepe, yellow, rubber	Electrical insulating, Class 105°C	20	65	11	8
P-278A TN	Kraft high tensile, acrylic	Electrical insulating, Class 105°C	51	61	9.1	3
P-280 CL	1 mil printable polyester, clear, acrylic	Electrical insulating, Class 130°C	26	41	2.4	90
P-281 YW	1 mil printable polyester, yellow, acrylic	Electrical insulating, Class 130°C	26	41	2.4	90
P-281 BK	1 mil printable polyester, black, acrylic	Electrical insulating, Class 130°C				
P-286E	1 mil printable polyester, white, acrylic flame retardant	Electrical insulating, Class 130°C	18	50	2.4	80
P-286EHD	2 mil printable polyester, white, acrylic flame retardant	Electrical insulating, Class 130°C	40	46	3.3	100
P-29	Vinyl, flame retardant	Electrical insulation, UL/CSA Listed	20	25	7	200
P-295	Vinyl, all weather, heavy duty	Electrical insulation	20	20	8.5	250
P-306	Vinyl, black, printed	Pipe wrap, aircraft moisture barrier	28	30	10	190
P-306L	Vinyl, black, interlined	Pipe wrap, aircraft moisture barrier	28	30	10	190
P-30-105	Vinyl, black flame retardant	Electrical insulation, Class 105°C	30	30	10	190
P361	1 mil PET film	Silicone free, high temperature masking tape	30	45	2	160
P362	2 mil PET film	Silicone free, high temperature masking tape	58	50	3.5	175
P-320	Vinyl, heavy duty	Corrosion protection, IAPMO certified	50	12	20	240

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
P-335	4 mil PVC/cured rubber	Fume protection	19	8	4	220
P-34	Vinyl, colors, premium	Color coding (OSHA)	18	30	6.5	160
P-35	Vinyl, cream	Fine line masking, electroplating mask	25	30	6.5	200
P-366	1 mil polyester/silicone	Printed wire board plating tape	25	25	2.4	100
P-377	1 mil polyester/silicone	Printed wire board plating tape	25	25	3.3	100
P-389	1 oz. copper foil/acrylic	EMI/RFI shielding	65	65	3.2	5
P-391	1 oz. copper foil conductive acrylic adhesive	EMI/RFI shielding	27	51	3.5	6
P-412	RIBBON DOPE®, PTFE thread sealant	Pipe thread sealant	4	N/A	3.5	N/A
P-421 NAT	PTFE, silicone adhesive	Roller-wrap protection, mold-release, high-temp masking, electrical insulating Class 180°C	66	36	6.7	140
P-422 NAT	PTFE, silicone adhesive	Roller-wrap protection, mold-release, high-temp masking, electrical insulating Class 180°C	26	26	3.9	135
P-423 NAT	PTFE, bondable, silicone adhesive	Electrical insulating, harness wrap Class 180°C	25	27	3.9	130
P-424 NAT	PTFE, silicone adhesive	Roller-wrap protection, high-temp masking, electrical insulating, anti-friction application, Class 180°C	65	42	11.6	475
P-425	PTFE, silicone adhesive	Electrical insulating, anti-friction application, Class 180°C, MIL-I-23594C Type II, Class II, 2-side etch	34	26	4.5	160
P-430 NAT	PTFE, acrylic adhesive, thermosetting	Electrical insulating, Class 155°C	26	40	3.5	135
P-440 TAN	PTFE, coated glass silicone adhesive	Electrical insulating, mold release, Class 180°C	90	34	5.3	3
P-50	Cloth, double-coated	Holding, laminating splicing	40	95	15	N/A
P-51	Cloth; double-coated flame retardant	Carpet hold-down carpet flame retardant	35	50	10	N/A
P-55	Cloth; double-coated flame retardant	Carpet hold-down carpet flame retardant	40	125	13	N/A
P-621	Glass cloth, flame retardant	Splicing, bundling, aircraft cargo liner tape	175	60	7.1	N/A
P-621PR	Glass cloth, printed, flame retardant	Aircraft cargo liner sealing, seaming	175	60	7.1	N/A
P-621PRL	Glass cloth, printed, flame retardant, with paper liner	Aircraft cargo liner sealing, seaming	175	60	7.1	N/A
P-626	Glass cloth, flame retardant	Splicing, bundling, aircraft cargo liner tape	90	32	6.8	5
P-626SL	Glass cloth, printed, flame retardant, with skip slit liner	Aircraft cargo liner sealing, seaming	90	32	6.8	5
P-626PRL	Glass cloth, printed, flame retardant, with film liner	Aircraft cargo liner sealing, seaming	90	32	6.8	5
P-629	Glass cloth, flame retardant	Splicing, bundling, aircraft cargo liner tape	90	45	6.8	5
P-629SL	Glass cloth, printed, flame retardant, with skip slit liner	Aircraft cargo liner sealing, seaming	90	45	6.8	5
P-629PRL	Glass cloth, printed, flame retardant, with film liner	Aircraft cargo liner sealing, seaming	90	45	6.8	5
P-628	Glass cloth, silicone adhesive	Ultra high-temp masking, flame spray masking, powder coating	190	48	7.5	7

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
P-703	Paper, crepe, hi-temp	General purpose masking to 300°F	23	42	6.5	7.5
P-72	Paper, flatback stain resistant	Holding, masking	50	60	9.5	4
P-738HD	Heavy duty single-coated repulpable tape	Splicing and tabbing, especially designed for PE coated papers	n/a	98	7.1	n/a
P-738MC	Extensible single-coated repulpable tape	Splicing and tabbing, superior adhesion to coated papers and board	n/a	85	6.5	n/a
P-77	Flatback paper	Textile tape	50	55	9.5	4
P-78	Bi-directional / flatback paper	High-temperature, critical splicing tape	85	60	15	9
P-781	Paper crepe, high temp	Automotive OEM masking up to 300°F	20	40	7.5	6
P-786	Paper, crepe, general purpose	Light duty packaging/ masking up to 150°F	20	40	7	7.5
P-787	Paper crepe, medium temp	Medium temperature paint masking, up to 250°F	20	40	6.5	6
P-790	Paper crepe, economy grade	Room temperature masking	20	35	5	5
P-904	Silicone splicing tape, clear, red	Splicing silicone paper	25	30	2.4	N/A
P-904HD	High temperature silicone splicing tape, red	Silicone splicing paper	40	35	3	N/A
P-905	Double coated silicone splicing tape	Splicing silicone paper	27	45	3.5	45
P-907	PET film coated with fluoropolymer-silicone (self-wound)	Splicing silicone paper	40	48	4	45
P-911	Polypropylene label	Label protection	24	25	1.5	140
P-915	Polypropylene film	Carton sealing, medium weight	20	49	2.5	30
P-917	Polypropylene film	Carton sealing, label protection	21	49	1.7	15
P-919	Polypropylene film (BOPP)	Heavy duty carton sealing	40	55	3.6	90
P-925	Polyester film	Carton sealing, label protection	25	60	2	90
P-929	Polyester film	Heavy duty carton sealing	50	68	3	90
P-99	Polyester fiber/laminate	Medium duty packaging	40	50	5.5	5
PS1	Polyester film, silicone adhesive	Composite bonding, high-temp masking	45	35	3	80
PS2	Polyester film, silicone adhesive	Composite bonding, high-temp masking	25	30	2.4	45
PS2200	Silicone rubber/ gloss cloth	Plasma spray masking tape	220	50	20	<5
P-3251	Low static polyester, acrylic	Low static utility tape	20	15	2.3	70
RL-510	Repulpable, flying splice double coated tissue	High speed flying splice	N/A	30	1.9	N/A
202B	PVC film, black	Surface protection	19.4	13	5	220
202W	PVC film, white	Surface protection	19.4	13	5	220
224C	PVC film, clear	Surface protection	14	4.5	3	200
224LB	PVC film, light blue	Surface protection	14	4.5	3	200

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
225LB	PVC film, light blue	Surface protection	5	8	3	200
226	Vinyl, utility grade	Electrical insulation	23	20	8.5	250
228	Vinyl, colors, all-weather safety stripes, vinyl stripes	Electrical insulating hazard warning (OSHA)	22	23	7.5	230
			18	30	6	140
3067M	Polyethylene, blue surface protection	Stainless steel and aluminum	N/A	MED	2.4	N/A
3068M	Polyethylene, clear surface protection	Stainless steel and aluminum	N/A	MED	2.4	N/A
30802	Polyethylene film, white	Surface protection	8.1	3.6	3	240
30804	Polyethylene film, black and white	Surface protection	7	6	3	300
3103H	Polyethylene, black surface protection	Laser cutting steel/aluminum	N/A	HIGH	4	N/A
3104H5	Polyethylene, black/white surface protection	Laser cutting steel/aluminum	N/A	HIGH	4	N/A
315	1 mil polyester, rubber	Electrical insulating, Class 130°C	32	55	2.1	110
3161F-1	1 mil printable polyester, white or yellow, acrylic flame retardant	Electrical insulating, Class 130°C	33	33	2.1	110
3161F-2	2 mil printable polyester, white or yellow, acrylic flame retardant	Electrical insulating, Class 130°C	57	44	3.1	120
3.54E-13	Reinforced epoxy film, rubber	Electrical insulating, Class 130°C	44	30	5.9	20
364B	Special film, clear	Surface protection	9	5.3	2	650
P-367	Polyethylene film, clear	Surface protection	6	0.2	2	200
4057H	Polyethylene, blue surface protection	Coated surfaces with low gloss	N/A	V. HIGH	2	N/A
4057R	Polyethylene, blue surface protection	Coated surfaces with low-medium gloss	N/A	HI	2	N/A
4058H	Polyethylene, clear surface protection	Coated surfaces with low gloss	N/A	V. HIGH	2	N/A
4058R	Polyethylene, clear surface protection	Coated surfaces with low-medium gloss	N/A	HI	2	N/A
4088H	Polyethylene, clear surface protection	Coated surfaces with low gloss	N/A	V. HIGH	3	N/A
4088R	Polyethylene, clear surface protection	Coated surfaces with med-low gloss	N/A	HIGH	3	N/A
4107L	Polyethylene, blue surface protection	Coated surfaces with high gloss	N/A	LOW	4	N/A
500	Premium grade double-coated tape	Nameplate and laminating tape	N/A	60	6.3	N/A
5000NS	Non-woven double-coated tape	General mounting, tear resistant	N/A	72	6.3	N/A
501L	Non-woven double-coated	Laminating polyurethane foam sheets	N/A	45	6.4	N/A
5011N	Non-woven double-coated tape	Flame retardant mounting	N/A	64	5.9	N/A
5015	Non-woven double-coated tape	Foam laminating and mounting	N/A	72	4.7	N/A
5015E	Non-woven double-coated	Laminating polyethylene and polypropylene substrates	N/A	53	6.3	N/A

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
5033X	Non-woven double-coated tissue	Splicing paper in the corrugated container industry	N/A	36	5.2	N/A
5032P	Polyester-based double-coated splicing tape	Splicing paper in the corrugated container industry	N/A	60	3.8	N/A
5035K	Non-woven double-coated tape	Roll-to-roll splicing of paper, films and foils	N/A	39	6.3	N/A
5057A5	Polyethylene, blue surface protection	High luster metals and coated surfaces	N/A	LOW	2	N/A
5058A5	Polyethylene, clear surface protection	High luster metals and coated surfaces	N/A	LOW	2	N/A
509A	Repulpable flying splice double-coated tissue	High speed flying splices	N/A	22	4	N/A
509AH	Repulpable flying splice double-coated tissue	Humidity resistant, high speed flying splices	N/A	13	4.7	N/A
509AT	Repulpable flying splice double-coated tissue	Low temperature resistant version of 509A	N/A	21	5.7	N/A
509N	Repulpable double-coated splicing tape	Manual splicing of paper	N/A	30	4.3	N/A
512	Non-woven double-coated tape	Low VOC mounting	N/A	66	5.9	N/A
525	Double-coated cloth, butyl adhesive installation	Environmental sealing, carpet	N/A	13	20-40	N/A
541	Closed-cell butyl foam with acrylic adhesive, two sides	Mounting plates and boards	N/A	53	30	N/A
587A	15-mil stickyback tape	Mounting of flexographic printing plates	N/A	46	15	N/A
587B	20-mil stickyback tape	Mounting of flexographic printing plates	N/A	50	20	N/A
595B	High temperature adhesive transfer tape	Splicing, laminating, mounting	N/A	20	2	N/A
597B	General purpose adhesive transfer tape	Splicing, laminating, mounting	N/A	40	2.8	N/A
D5952	High tack adhesive transfer tape	Foam laminating and mounting	N/A	94	3.1	N/A
652V	EPDM compound	Environmental sealing	N/A	72	40-160	N/A
6801	Closed-cell EPT foam with acrylic adhesive, one side	Environmental sealing	52*	45	80-600	260
712	Kraft paper	Roll end tabbing and splicing. Sealing cartons and bags.	33	33	5.9	3
734	Repulpable single coated tape	Splicing, tabbing, core starting	N/A	61	4	N/A
744SN	Crepe paper, heat activated adhesive	Radial lead component packaging	33	77	5.9	13
749BN	Flat kraft paper, available in white or blue	Component reel & packaging	57	53	5.5	4
H9004	High bond acrylic foam tape	Permanent bonding of metals and plastics	N/A	116	16	N/A
H9008	High bond acrylic foam tape	Permanent bonding of metals and plastics	N/A	194	32	N/A
H9012	High bond acrylic foam tape	Permanent bonding of metals and plastics	N/A	212	47	N/A
903UL	PTFE, silicone adhesive	Electrical insulation, high temperature masking, 180°C insulation class	6.6	17.2	3	140
923S	Specially oriented PTFE (colored), silicone adhesive	Roller wrapping, 180°C insulation class	34	20	4	50

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
9230S	Specially oriented PTFE (colored), silicone adhesive	Roller wrapping, 180°C insulation class	34	20	4	50
D9605	Polyester double-coated tape	Heavy duty mounting	N/A	89	8.7	N/A.
973UL	PTFE-coated glass cloth, silicone adhesive	Heat seal lubricant, 180°C insulation class	44.1	18.8	5	N/A
No. 31B	Polyester tape, acrylic adhesive, clear	Outer/interlaminar insulation, electrical insulation	32	28	2.1	110
No. 31B	Polyester tape, acrylic adhesive, clear	Outer/interlaminar insulation, electrical insulation	59	36	3.1	130
No. 31C	Polyester tape, acrylic adhesive, various colors	Outer/interlaminar insulation, electrical insulation, 130°C insulation class	32	28	2.1	110
No. 31C	Polyester tape, acrylic adhesive, various colors	Outer/interlaminar insulation, electrical insulation, 130°C insulation class	59	36	3.1	130
No. 31RH	Polyester tape, acrylic adhesive, various colors	Outer/interlaminar insulation, electrical insulation	32	30	2.1	110
No. 31RH	Polyester tape, acrylic adhesive, various colors	Outer/interlaminar insulation, electrical insulation	59	40	3.1	130
No. 31D	Polyester tape, rubber adhesive, clear	Outer/interlaminar insulation, electrical insulation	32	23	2.1	110
No. 31D	Polyester tape, rubber adhesive, clear	Outer/interlaminar insulation, electrical insulation	59	33	3.1	130
No. 31E	Polyester tape, rubber adhesive, various colors	Outer/interlaminar insulation, electrical insulation	32	23	2.1	110
No. 31E	Polyester tape, rubber adhesive, various colors	Outer/interlaminar insulation, electrical insulation	59	33	3.1	130
No. 31K	Polyester tape, acrylic adhesive, clear and blue	Outer/interlaminar insulation, electrical insulation	33	15	2	100
No. 336	Polyester tape, silicone adhesive, clear and blue	Plating masking	29	27	2.4	140
No. 336	Polyester tape, silicone adhesive, clear and blue	Plating masking	29	27	3.3	140
No. 337	Polyester tape, silicone adhesive, blue	Plating masking	14	30	3.9	130
No. 3703F	Polypropylene tape, acrylic adhesive, clear	Termination of electrolytic capacitor elements and lithium ion secondary batteries	23	30	2.2	180
No. 3703DF	Polypropylene tape, acrylic adhesive, clear and light green	Termination of electrolytic capacitor elements and lithium ion secondary batteries	23	30	2.2	180
No. 3703G	Polypropylene tape, rubber adhesive, clear	Termination of electrolytic capacitor elements and lithium ion secondary batteries	23	25	1.7	180
DF-372	Polypropylene tape, acrylic adhesive, clear and light green	Termination of electrolytic capacitor elements and lithium ion secondary batteries	17	20	1.2	157
No. 320A	PPS tape, acrylic adhesive, clear	Structural materials of chip electrolytic capacitors and secondary batteries, electrical insulation	19	14	1.4	64
No. 320A	PPS tape, acrylic adhesive, clear	Structural materials of chip electrolytic capacitors and secondary batteries, electrical insulation	31	16	2.2	57
No. 320AB	PPS tape, acrylic adhesive, clear	Structural materials of chip electrolytic capacitors and secondary batteries, electrical insulation	19	11	1	64
No. 320AB	PPS tape, acrylic adhesive, clear	Structural materials of chip electrolytic capacitors and secondary batteries, electrical insulation	31	14	1.6	57

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
No. 320C	PPS tape, acrylic adhesive, blue/red	Structural materials of chip electrolytic capacitors and secondary batteries, electrical insulation	19	11	1	64
3315	Soft polyethylene wrapping tape, rubber adhesive	Electrical insulation, 90°C	11	18	5.9	300
No. 443	Polyethylene tape, acrylic adhesive, white	Liner for sliding surfaces, washer linings, wrapping guide rails	12	36	11	300
No. 443	Polyethylene tape, acrylic adhesive, black	Liner for sliding surfaces, washer linings, wrapping guide rails	10	36	11	270
No. 4430	Polyethylene tape, acrylic adhesive, white	Liner for sliding surfaces, washer linings, wrapping guide rails	12	47	6.3	300
No. 4430	Polyethylene tape, acrylic adhesive, black	Liner for sliding surfaces, washer linings, wrapping guide rails	10	47	6.3	270
T-SP22	Special polyester tape, silicone adhesive, clear	Less shrinkage for heating processes applied during semiconductor or electronic component production	47	35	7.5	141
T-SP33	Special polyester tape, silicone adhesive, clear	Less shrinkage for heating processes applied during semiconductor or electronic component production	58	47	6.7	174
T-SP35	Special polyester tape, silicone adhesive, clear	Less shrinkage for heating processes applied during semiconductor or electronic component production	40	62	4.7	137
FB-MP45	Special polyester heat-resistant light adhesion, acrylic adhesive, clear	Special backing allows for easy removal after heating	NA	0	2.3	110
T-APN10	PEN film heat-resistant light adhesion tape, acrylic adhesive, clear	Special backing allows for easy removal after heating	NA	1	0.8	NA
No. 340	Polyester film/non-woven fabric, acrylic adhesive, white/blue	Outer insulation of coils	50	36	9.4	42
No. 341	Polyester film/non-woven fabric, acrylic adhesive, white/blue	Outer insulation of coils	65	47	17.7	40
No. 341F	Polyester film/non-woven fabric, acrylic adhesive, various colors	Outer insulation of coils	35	36	16.5	42
No. 341S	Polyester film/non-woven fabric, acrylic adhesive, white/yellow/blue	Outer insulation of coils	37	33	9.8	68
No. 343B	Polyester film/non-woven fabric, acrylic adhesive, white	Electrical insulation, 130°C	62	82	16.5	33
No. 343BN27	Polyester film/non-woven fabric, acrylic adhesive, white	Electrical insulation, 130°C	39	82	10.6	33
No. 343BN43	Polyester film/non-woven fabric, acrylic adhesive, white	Electrical insulation, 130°C	69	53	16.9	33
No. 350A	Epoxy-impregnated polyester non-woven fabric, acrylic adhesive	Electrical insulation, superior resistance to heat, solvents and varnish	38	53	9.1	13
No. 350A	Epoxy-impregnated polyester non-woven fabric, acrylic adhesive	Electrical insulation, superior resistance to heat, solvents and varnish	68	46	16.5	14
No. 5	Acetate cloth, acrylic adhesive, white/black	Electrical insulation	38	25	9.1	20
No. 155	Acetate cloth, rubber adhesive, white/black	Electrical insulation	43	39	9.1	20

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
No. 156A	Acetate cloth, rubber adhesive, white/black	Electrical insulation	37	39	9.8	21
No. 7A	Cotton cloth, rubber adhesive	Outer insulation and termination of coils	50	18	8.7	5
No. 160UL	Flame retardant cream cloth, rubber adhesive	Electrical insulation	53	19	13	12
No. 185	Glass cloth, rubber adhesive, white	Electrical insulation, enhances solvent and wax resistance and adhesive strength by heating	139	53	6.7	4
No. 188UL	Glass cloth, silicone adhesive, white	Electrical insulation	180	32	7.1	5
ST-HG-T	Glass cloth, silicone adhesive, white	Electrical insulation	180	37	7.5	7
No. 403FP	Nomex® paper, silicone adhesive, white	Electrical insulation, insulation of battery electrodes requiring heat resistance	22	43	3.5	6
No. 380	Nomex® paper, acrylic adhesive, white	Electrical insulation	26	36	4.3	6
No. 380	Nomex® paper, acrylic adhesive, white	Electrical insulation	41	33	5.1	8
No. 386UL	Nomex® paper, acrylic adhesive, white	Electrical insulation	21	32	4.7	6
No. 386UL	Nomex® paper, acrylic adhesive, white	Electrical insulation	44	27	5.5	7
No. 747	Thermosetting flat paper, rubber adhesive, cream	Electrical insulation	32	40	5.1	6
No. 746	Thermosetting crepe paper, rubber adhesive, cream	Electrical insulation, holding and fixing lead terminals	3	26	7.1	12
No. 746P	Thermosetting crepe paper, rubber adhesive, cream	Electrical insulation, holding and fixing lead terminals	19	19	7.1	12
No. 746RN	Thermosetting crepe paper, rubber adhesive, cream	Electrical insulation, holding and fixing lead terminals	26	31	7.9	12
No. 7464	Thermosetting crepe paper, rubber adhesive, cream	Electrical insulation, holding and fixing lead terminals	19	16	5.9	12
No. 744SH	Crepe paper, acrylic adhesive, cream	Radial taping of electronic components with lead pins	33	777	5.9	13
No. 7442	Crepe paper, rubber adhesive, cream	Metalized film capacitor masking tape	26	5	6.3	12
No. 360UL	Polyimide tape, silicone adhesive, amber	Insulation of electrodes in lithium ion secondary batteries	29	26	2.4	65
No. 360UL	Polyimide tape, silicone adhesive, amber	Insulation of electrodes in lithium ion secondary batteries	75	26	3.5	65
No. 360PC	Polyimide tape, silicone adhesive, amber	Insulation of electrodes in lithium ion secondary batteries, 180°C	35	26	2.6	75
No. 360S	Polyimide tape, silicone adhesive, amber	Insulation of electrodes in lithium ion secondary batteries	60	27	2	25
No. 360A	Polyimide tape, acrylic adhesive, amber	Insulation of electrodes in lithium ion secondary batteries	43	19	2	65
No. 360A	Polyimide tape, acrylic adhesive, amber	Insulation of electrodes in lithium ion secondary batteries	83	21	3.1	65
No. 360R	Polyimide tape, rubber adhesive, amber	Insulation of electrodes in lithium ion secondary batteries	43	32	1.9	65
No. 9030UL	Single-surface treated PTFE film, silicone adhesive	Electrical insulation, high temperature masking	NA	NA	3	NA

Tape No.	Description	Principal Uses	Manufacturer's Values Average according to PSTC Test Methods			
			Tensile (lbs/in)	Adhesion (oz/in)	Thickness (mils)	Elongation (%)
No. 903-T	PTFE resin, silicone adhesive	Electrical insulation, high temperature masking	NA	NA	3	NA
FCS-1230N	Thermoplastic shielding tape, silver	Shielding, 140°C	2	NA	1.8	NA
FCS-1230A	Thermoplastic shielding tape, silver	Shielding, 140°C	2	NA	1.9	NA
FB-ML4	Polyester resin, semi-clear	Bonding for smart card terminal, 120°C	11	NA	2	NA
FB-ML4	Polyester resin, semi-clear	Bonding for smart card terminal, 120°C	11	NA	2.8	NA
FB-ML11A	Polyester resin, white	Bonding for smart card terminal, 120°C	NA	NA	2	NA
FB-ML11A	Polyester resin, white	Bonding for smart card terminal, 120°C	NA	NA	3.9	NA
FB-ML80	Polyester resin, semi-clear	Bonding for smart card terminal, 180°C	9	NA	2	NA

