



THAI POLYMER SUPPLY

AMMIK

**PTFE
COMPOSITE MATERIAL
HIGH TEMP MATERIAL**



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FABRIC ■ PROPERTY

- Excellent temperature resistance (-73~+260°C)
- Excellent chemical resistance
- Excellent release performance (Non-stick)
- Excellent dimensional stability



INDUSTRIAL & STANDARD PTFE GLASS FABRIC

	5038	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.07 ▪ Standard Widths(m) : 1000 ▪ Weight(g/m²) : 135 ▪ Tensile Strength(kg/cm) : 16
	5058	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.12 ▪ Standard Widths(m) : 1000/1500 ▪ Weight(g/m²) : 250 ▪ Tensile Strength(kg/cm) : 24
	5108	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.22 ▪ Standard Widths(m) : 1000/1500 ▪ Weight(g/m²) : 455 ▪ Tensile Strength(kg/cm) : 47
	7109TC	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.24 ▪ Standard Widths(m) : 1000 ▪ Weight(g/m²) : 527 ▪ Tensile Strength(kg/cm) : -
	7148	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.34 ▪ Standard Widths(m) : 1000/1500 ▪ Weight(g/m²) : 680 ▪ Tensile Strength(kg/cm) : 67
	7208TC	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.45 ▪ Standard Widths(m) : 1000 ▪ Weight(g/m²) : 885 ▪ Tensile Strength(kg/cm) : -
	7278S	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.68 ▪ Standard Widths(m) : 2600 ▪ Weight(g/m²) : 1100 ▪ Tensile Strength(kg/cm) : 86

ANTI - STATIC BLACK - PTFE GLASS FABRIC

	7143AS	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.33 ▪ Standard Widths(m) : 1000/1500/2000 ▪ Weight(g/m²) : 680 ▪ Tensile Strength(kg/cm) : 67
	7305AS	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.95 ▪ Standard Widths(m) : 2700 ▪ Weight(g/m²) : 460 ▪ Tensile Strength(kg/cm) : 37

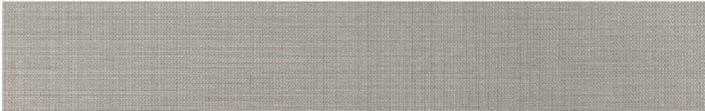
OPEN - MESH PTFE GLASS

	7195	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.67 ▪ Standard Widths(m) : 3150 ▪ Weight(g/m²) : 530 ▪ Tensile Strength(kg/cm) : 70
	7305	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 0.98 ▪ Standard Widths(m) : 2700 ▪ Weight(g/m²) : 460 ▪ Tensile Strength(kg/cm) : 37
	7305KG	<ul style="list-style-type: none"> ▪ Nominal Thickness(mm) : 1.25 ▪ Standard Widths(m) : 3400 ▪ Weight(g/m²) : 644 ▪ Tensile Strength(kg/cm) : 110

BELT ■ APPLICATION

- Screen Printing
- Semi-Conductor / E&E
- Food Processing / QSR
- Aerospace
- Plastics / Chemical / Rubber Processing
- Carpet Fabrication

PTFE GLASS FABRIC

Nominal Thickness(mm) : 0.15 Weight(g/m ²) : 308	Standard Widths(m) : 1000 Tensile Strength(kg/cm) : 24.5	9064	
Nominal Thickness(mm) : 0.24 Weight(g/m ²) : 490	Standard Widths(m) : 1000 Tensile Strength(kg/cm) : 30.6	9104-3	
Nominal Thickness(mm) : 0.128 Weight(g/m ²) : 272	Standard Widths(m) : 1000 Tensile Strength(kg/cm) : -	7058TC-T	
Nominal Thickness(mm) : 0.133 Weight(g/m ²) : 263	Standard Widths(m) : 1000 Tensile Strength(kg/cm) : 24	7058-2	

SILICONE GLASS FABRIC

Nominal Thickness(mm) : 0.38 Weight(g/m ²) : 540	Standard Widths(m) : 1000 Tensile Strength(kg/cm) : 40	7152R	
Nominal Thickness(mm) : 0.56 Weight(g/m ²) : 760	Standard Widths(m) : 1000 Tensile Strength(kg/cm) : 70	7242W	

TAPE ■ SERIES

- PTFE Coated G/F Tape
- PTFE Film Tape
- Composite Film
- UHMW PE Tape
- Polyimide Tape
- Glass Fabric Tape
- FEP Film Tape
- Reusable Silicon Tape
- Sil-Mesh

Overall Thickness(mm) : 0.13 Adhesive Thickness(U) : 40	Standard Widths(m) : 1000 Substrate Type : 5038	6075-03 6085-03	
Overall Thickness(mm) : 0.18 Adhesive Thickness(U) : 50	Standard Widths(m) : 1000 Substrate Type : 5058	6075-05 6085-05	
Overall Thickness(mm) : 0.29 Adhesive Thickness(U) : 65	Standard Widths(m) : 1000 Substrate Type : 5108	6075-10 6085-10	

Reusable Silicon Tape ■ PROPERTY

- Maintains stable adhesion through 500 SMT cycles, ensuring reliable performance.
- Product maintains its shape well even at high temperatures, up to 260°C.
- Allows you to choose the desired adhesion level.
- Adhesion can be easily restored through simple cleaning.
- Superior surface flatness of the product allows for full-area fixation.

APPLICATION

- SMT process of Flexible PCB
- SMT process of Thin rigid PCB
- Carrier of LCD assembly process
- Flip chip mounting process
- Various temporary fixing application

Peel adhesion of reusable silicone compound
10gf/25mm 30gf/25mm 40gf/25mm 130gf/25mm 300gf/25mm

TSF20	LB	B	HB	H2B	H3B
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* The measurement values provided are based on general standards and are not guaranteed.

PROPERTY

- Excellent temperature resistance (-73~+260°C)
- Excellent chemical resistance
- Excellent release performance (Non-stick)
- Excellent dimensional stability

PTFE COATED GLASS FABRIC SERIES

Series No	Standard Width(m)	Nominal Thickness(μm)	Weight (g/㎡)	PTFE Content(%)	Tensile Strength(N/5cm)
7195P	1.55, 1.8	670	520	21	3500
7305	2.0, 2.5, 2.65, 3.2, 4.8	980	460	32	2400
7305AS	2.0, 2.5, 2.65, 3.2, 4.8	950	460	32	2000
7305K	2.7	770	310	46	3500
7305KG	2.8, 3.3	1250	644	35	3000

CREASE AND TEAR RESISTANCE SERIES

Series No	Standard Width(m)	Nominal Thickness(μm)	Weight (g/㎡)	PTFE Content(%)	Tensile Strength(N/5cm)	Dielectric Breakdown(V)
9054	1	126	255	57	1400	2500
9064	1	145	296	63	1600	3000
9104-3	1.0, 1.5	240	495	59	3000	3000

ANTI-STATIC SERIES

Series No	Standard Width(m)	Nominal Thickness(μm)	Weight (g/㎡)	PTFE Content(%)	Tensile Strength(N/5cm)	Surface Resistivity (M-ohms)
7143AS	2.4	345	700	60	3000	<10
717KAS	1.6	425	660	59	3700	<10

SERIES

- PTFE Coated G/F Tape
- Glass Fabric Tape
- Composite Film
- Reusable Silicon Tape
- PTFE Film Tape
- FEP Film Tape
- UHMW PE Tape
- Sil-Mesh
- Polyimide Tape

PROPERTY

Thermal resistance	Chemical Resistance			Smoothness & Flatness		Release	Durability
	Resistance	Flexibility	Insulation	Release	Durability		
PTFE Coated G/F Tape	⊙⊙⊙	⊙⊙⊙	⊙⊙	⊙⊙	⊙⊙	⊙⊙	⊙⊙⊙
PTFE Film Tape	⊙⊙⊙	⊙⊙⊙	⊙⊙⊙	⊙⊙	⊙⊙	⊙⊙⊙	⊙⊙⊙
UHMW PE Tape	⊙⊙	⊙⊙	⊙⊙⊙	⊙⊙	⊙⊙	⊙⊙⊙	⊙⊙⊙
FEP Film Tape	⊙⊙⊙	⊙⊙	⊙⊙⊙	⊙⊙⊙	⊙⊙⊙	⊙⊙⊙	⊙⊙⊙
Glass Fabric Tape	⊙⊙⊙	⊙⊙	⊙⊙	⊙⊙⊙	⊙⊙	⊙	⊙
Polyimide Tape	⊙⊙⊙	⊙⊙⊙	⊙⊙	⊙⊙	⊙⊙	⊙⊙	⊙⊙

⊙ Good ⊙⊙ Excellent ⊙⊙⊙ Outstanding

UHMW PE-TAPES Series No	Standard width (mm)	Overall Thickness (mm)	Adhesive Thickness (mm)	180 Peel Adhesion		Tensile strength (N/5cm)	Adhesive type	Release Liner
				Strength (gf/in.)	Strength (N/5cm)			
6311-05	580	0.175	0.05	>1,000	>50	Acrylic	YES	
6311-10	580	0.3	0.05	>1,000	>100	Acrylic	YES	
6311-20	580	0.565	0.065	>1,000	>150	Acrylic	YES	

Polyimide Film TAPES Item	Substrate	Adhesive Thickness	Adhesive Type	Peel Strength (gf/25mm)	Application	Remark
6325-01R	PI 25μm	38μm	Silicone	Min 400 (Nominal 500)	PCB / Plating Masking	Standard Type

SIL-MESH (Silicone steaming mat)

Series No	Standard Width(m)	Nominal Thickness(μm)	Weight (g/㎡)	PTFE Content(%)	Tensile Strength(N/5cm)	Surface Resistivity (M-ohms)
SIL MESH-23A	1.2	345	700	60	3000	<10



SUBSTRATE & TYPES

- Glass Fabric, Mesh Glass Fabric, Kevlar, Polyimide
- Crease and Tear Resistance Series
- Anti-Static Series



PTFE COATED GLASS FABRIC SERIES

Series No	Standard Width(m)	Nominal Thickness(μm)	Weight (g/㎡)	PTFE Content(%)	Tensile Strength(N/5cm)	Dielectric Breakdown(V)
7028B	1.0, 1.2	50	78	69	300	700
5038	1.0, 1.5	73	135	64	700	1400
7039	1.0, 1.5	75	146	66	750	2000
7030	1.0, 1.5	80	160	69	750	2200
5058	1.0, 1.5	115	250	57	1300	3500
7058	1.0, 1.5	122	265	59	1300	4000
7059	1.0, 1.5	128	280	61	1300	4500
7068	1.0, 1.5	138	296	63	1300	4800
7069	1.0, 1.5	142	309	65	1300	5000
5108	1.0, 1.5, 2.0	215	455	55	2000	4000
7108	1.0, 1.5, 2.0	235	490	58	2300	5300
7109	1.0, 1.5, 2.0	245	534	61	2300	5500
9108-3	1.0, 1.5, 2.0, 2.4	235	490	58	2300	5300
9109-3	1.0, 1.5, 2.0, 2.4	245	534	61	2300	5500
9119-3	1.0, 1.5, 2.0, 2.4	280	600	66	2600	6000
7148	1.0, 1.5, 2.0, 2.4	340	680	57	3200	3800
7278S	1.5, 2.6	680	1100	44	4000	4000
7279MG	1.5, 2.6	840	1200	51	4500	3000

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TAPES

Series No	Standard width (mm)	Overall Thickness (mm)	Adhesive Thickness (mm)	180 Peel Adhesion Strength(gf/in.)	Release Liner
6095-03	1000	0.13(Nor)	0.05	> 700	Yes
6095-03HCG	max 500	0.13(Nor)	0.05	> 700	No
6095-03TC	max 500	0.13(Nor)	0.05	> 700	No
6095-05	1000	0.18(Nor)	0.05	>1,000	Yes
6095-05HSC	max 500	0.18(Nor)	0.05	>1,000	No
6095-06	1000	0.195(Nor)	0.05	>1,000	Yes
6095-10	1000	0.31(Nor)	0.065	>1,000	Yes
6085-03SW	max 500	0.125(Nor)	0.05	> 700	No
6085-05	1000	0.175(Nor)	0.05	>1,000	Yes
6085-05SW	max 500	0.175(Nor)	0.05	>1,000	No
6085-06	1000	0.19(Nor)	0.05	>1,000	Yes
6085-06SW	max 500	0.19(Nor)	0.05	>1,000	No
6085-10	1000	0.3(Nor)	0.065	>1,000	Yes
6075-03	1000	0.125(Nor)	0.05	> 700	Yes
6075-05	1000	0.165(Nor)	0.05	>1,000	Yes
6075-10	1000	0.28(Nor)	0.065	>1,000	Yes
6035-03AS	1000	0.13(Nor)	0.05	> 700	Yes
6035-05AS	1000	0.175(Nor)	0.05	>1,000	Yes

Film TAPES Series No	Standard width (mm)	Overall Thickness (mm)	Adhesive Thickness (mm)	180 Peel Adhesion Strength(gf/in.)	Elongation (%)	Release Liner
6115-02W	-	0.088(Nor)	0.038	> 500	>150	
6115-03W	-	0.114(Nor)	0.038	> 700	>200	
6115-03WL	1000	0.114(Nor)	0.038	> 700	>200	
6115-05W	-	0.177(Nor)	0.05	>1000	>200	No
6115-05WL	1000	0.177(Nor)	0.05	>1000	>200	
6115-10W	-	0.254(Nor)	0.065	>1000	>200	
6115-10WL	1000	0.254(Nor)	0.065	>1000	>200	
6445-02	max 500	0.1(Nor)	0.05	> 700	>90	No
6445-03	max 500	0.125(Nor)	0.05	> 700	>100	No
6145-02	-	0.1(Nor)	0.05	> 500	>200	YES
6145-04P	-	0.15(Nor)	0.05	> 700	>200	YES

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