

PT. ABIYAN JAYA PERKASA TEKNIKINDO

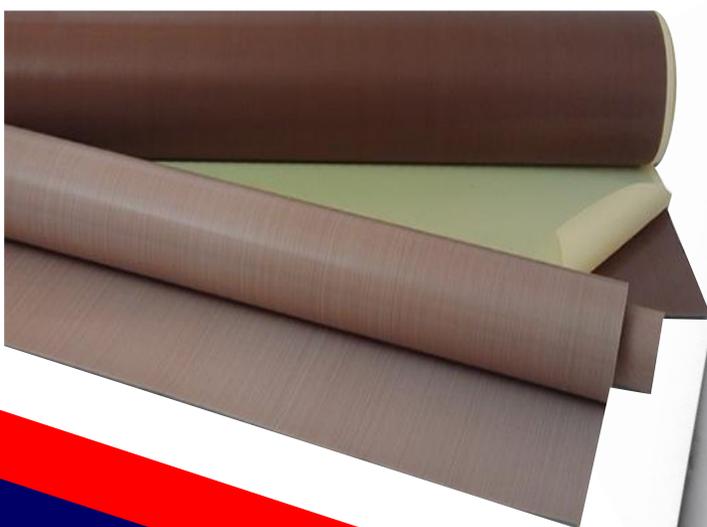
*Supplier's of
PTFE & silicone coating plastic products*

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Our Products:

1. PTFE COATED GLASS CLOTH
2. PTFE ADHESIVE TAPE
3. SILICON COATED GLASS CLOTH

PTFE COATED GLASS CLOTH

PTFE coated glass cloth consist of a woven fiberglass coated with PTFE dispersion. They are designed for a wide range of applications and come in several grades to meet specific performance requirements.

Properties:

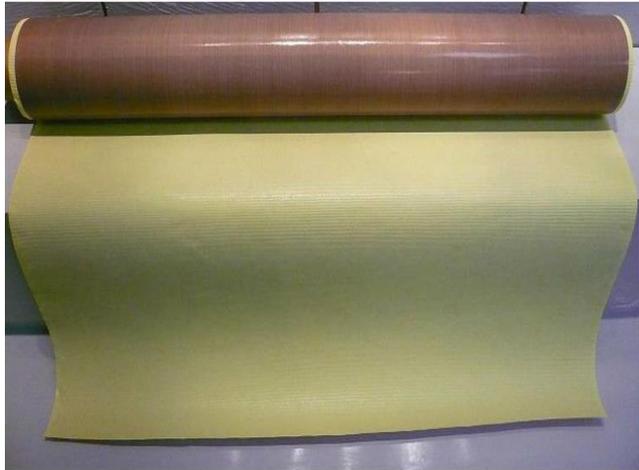
- 1.Outstanding temperature resistance(from -70°C to $+360^{\circ}\text{C}$)
- 2.Excellent chemical resistance
- 3.Superior non-stick surface, easy to clean
- 4.High dielectric strength
- 5.Dimensional stability
- 6.Resistance to UV, IR and HF
- 7.Non-toxic

Applications:

- 1.Used as various of liners to resist high temperature, such as microwave liner, and other liners.
- 2.Used for heat-sealing or cutting of plastic bags or film, the manufacturing of dress shirts and blouses in the sizing process (to seal necks, collars and cuffs without damaging the fabric)
- 3.Used as various conveyor belts, fusing belts, sealing belts and those needs performances of high temperature resistance, non stick, chemical resistance etc.



Item	Color	Thickness	Max Width	Weight	Tensile Strength	Temperature resistance
9006P(Porous)	Beige	0.05mm	1.25m	68g/m ²	550/450N/5cm	-140 ~ 360°C
9008A	brown/black/white	0.08mm	1.25m	155g/m ²	550/450N/5cm	-140 ~ 360°C
9008B	Brown/black/white	0.075mm	1.25m	135g/m ²	550/450N/5cm	-140 ~ 360°C
9013A	Brown/black/white	0.10mm	1.25m	200g/m ²	1100/1000N/5cm	-140 ~ 360°C
9013B	Brown/black/white	0.115mm	1.25m	220g/m ²	1100/1000N/5cm	-140 ~ 360°C
9013C	White/brown	0.125mm	1.25m	255g/m ²	1100/1000N/5cm	-140 ~ 360°C
9015A	brown/black	0.14mm	1.25m	300g/m ²	1200/1000N/5cm	-140 ~ 360°C
9015B	brown/black	0.14mm	1.25m	275g/m ²	1200/1000N/5cm	-140 ~ 360°C
9018A	brown/black	0.17mm	1.25m	380g/m ²	1800/1700N/5cm	-140 ~ 360°C
9018B	brown/black	0.17mm	1.25m	355g/m ²	1800/1700N/5cm	-140 ~ 360°C
9025A	brown/black(anti-static)	0.245mm	3.20m	520g/m ²	2100/1800N/5cm	-140 ~ 360°C
9025B	brown	0.23m	3.20m	480g/m ²	2100/1800N/5cm	-140 ~ 360°C
9025C	brown	0.23mm	3.20m	440g/m ²	2100/1800N/5cm	-140 ~ 360°C
9025D	brown	0.25mm	3.20m	320g/m ²	2100/1800N/5cm	-140 ~ 360°C
9030	brown/black	0.3mm	3.2m	620g/m ²	2500/1800N/5cm	-140 ~ 360°C
9035A	brown	0.34mm	3.20m	680g/m ²	2600/2300N/5cm	-140 ~ 360°C
9035GM	brown	0.33mm	3.20m	620g/m ²	2600/2300N/5cm	-140 ~ 360°C
9035GW (Cutting Grinding Wheel)	Black/Brown	0.37mm	1.2m	570g/m ²	-	-140 ~ 360°C
9040S- single sided	Grey/Brown	0.38mm	1.525m	560 g/m ²	3500/2400/5cm	-140 ~ 360°C
9040A	brown/black(anti-static)	0.42mm	3m	820g/m ²	3000/2500N/5cm	-140 ~ 360°C
9040B	brown	0.40mm	3m	780g/m ²	3000/2500N/5cm	-140 ~ 360°C
9055GW (Cutting Grinding Wheel)	Black/Brown	0.6mm	1.2m	700g/m ²	-	-140 ~ 360°C
9065A	milk white	0.65mm	3m	1150g/m ²	4400/4000N/5cm	-140 ~ 360°C
9070A	milk white	0.7mm	3m	1120 g/m ²	5500/1000N/5cm	-140 ~ 360°C
9070	milk white	0.68mm	3m	1005g/m ²	4500/2796N/5cm	-140 ~ 360°C
9090A	milk white	1.0mm	3m	1650g/m ²	6000/5000N/5cm	-140 ~ 360°C
9090B	milk white	0.90mm	3m	1550g/m ²	6000/5000N/5cm	-140 ~ 360°C



PTFE (TEFLON) ADHESIVE TAPE



PTFE adhesive tape is a fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive silicone adhesive. It is a very durable and versatile product. The combination of PTFE, fiberglass and high temperature silicone adhesive allows Teflon adhesive tape to perform in continuous temperatures up to 500F. It is dimensionally stable and resistant to tears, punctures, abrasion and wear.

Applications:

- 1) As coatings of high-temperature roller, heating plate, release peel ply.
- 2) Heat-sealing materials for food, medicines and plastic bag.
- 3) As gaskets of trough, hopper, aviation molds.
- 4) Other fields in which surface treatment is needed to reach anti-stick, anti-corrosion and high temperature resistance properties.
- 5) For packaging, thermoplastic, composites, heat sealing, electrical and electronic industries.

TECHNICAL DATA SHEET



Item	Thickness	Max Width	Adhesive Strhegh (to Steel)	Tensile Strength	Temperature
7008	0.07mm	1250mm	20N/100mm	100N/100mm	-70 ~ 260°C
7012	0.11mm	1250mm	22N/100mm	900N/100mm	-70 ~ 260°C
7013	0.12mm	1250mm	22N/100mm	900N/100mm	-70 ~ 260°C
7015	0.14mm	1250mm	24N/100m	1300N/100mm	-70 ~ 260°C
7018	0.17mm	1250mm	28N/100mm	1700N/100mm	-70 ~ 260°C
7025	0.23mm	1250mm	45N/100mm	2750N/100mm	-70 ~ 260°C
7030	0.28mm	1250mm	62N/100mm	3750N/100mm	-70 ~ 260°C

SILICON COATED GLASS CLOTH

Silicone coated glass cloth is a kind of new composite product with high-performance and multi-purpose Feature. It is made of fiberglass cloth calendered or impregnated with silicone rubber. It has good water resistance, fire resistance, chemical resistance, non-toxic and so on and can be used continuously between $-50^{\circ}\text{C} \sim +260^{\circ}\text{C}$. The silicone coated glass cloth has been widely used in aerospace, chemical, petroleum, large-scale power generation equipment, machinery, metallurgy, electrical insulation, construction and other fields.

Features:

1. Heat and cold resistance, good performance in heat preservation.
2. High strength, soft and flexible.
3. Chemical resistance, oil and water proof.
4. Heat resistance, weather resistance, resistant to ozone, oxygen, light and so on.
5. High insulation performance, dielectric constant 3-3.2, breakdown voltage 20~50KV/MM.

Application:

- Fire&heat protection
- Insulation covers and pad
- Fabric expansion joint&Fabric ductwork connector
- Fire doors, Fire&smoke curtains
- Welding&Fire blanket



TECHNICAL DATA SHEET

Item	Model	Total Weight (g/m ²)±5%	Total Weight (oz/yd ²)±5%	Thickness (mm)	Remark
Silicone coated fiberglass cloth	5018	230G/m ²	7oz/yd ²	0.18mm	1. Width: 1000mm-1800mm 2. Color: White, Silver, Red, black and customized 3. Surface treatment: Single side or double sides silicone coating
	5025	280G/m ²	8.3oz/yd ²	0.23mm	
	5043	510G/m ²	15oz/yd ²	0.43mm	
	5045	570G/m ²	17oz/yd ²	0.45mm	
	5046	595G/m ²	17.5oz/yd ²	0.46mm	
	5060	760G/m ²	22.5oz/yd ²	0.6mm	
	5063	800G/m ²	24oz/yd ²	0.62mm	
	5065	860G/m ²	25.5oz/yd ²	0.65mm	
	5085	1080G/m ²	32oz/yd ²	0.85mm	
	5100	1120G/m ²	33.1oz/yd ²	1.0mm	



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