

Single sided insulation flame retardant film	
Introduction	Transparent single-sided insulation flame-retardant adhesive film is made by coating flame-retardant series adhesives with polyester film as the substrate and composite release film. Has good adhesion, insulation, and flame retardant properties;
Application	It is mainly applied to the lamination of new energy battery separator aerogel and silicone frame.
Property	
Product Code	P0305F
Technical Parameters	
Color	Transparent
Backing Thickness[mm]	0.025 ± 0.002
bondline thickness[mm]	0.025 ± 0.002
Total Thickness[mm]	0.05 ± 0.005
Backing	PET film
Adhesive	epoxy glue
180° Hot pressing on adhesive peel strength[N/25mm]	≥ 80
Tensile Strength[Mpa]	MD, TD ≥ 80
Elongation at break [%]	MD, TD ≥ 70
water absorption rate [%]	≤ 2
Heat shrinkage rate 150 °C 30min[%]	MD ≤ 2 , TD ≤ 1
environmental friendliness	PASS
insulation resistance (1000VDC 60S)	19.9GΩ
flame retardancy UL94	VTM-0
Hot pressing time [S]	10-20
hot-pressing temperature[°C]	90-120
pressure[KG]	10kg (Recommended 120 °C 15s 40kg)
Storage and shelf life	It is recommended to store in a clean and dry place, away from direct sunlight, to prevent damage to the packaging, and to avoid keeping it with volatile solvents. The storage temperature is 10-40° C and the humidity is 40-60%. To maintain optimal performance, this product should be used within 12 months from the date of manufacture.