kapton tape is attached to fluoroplastic film

Introduction	kapton tape is a high-temperature tape made of polyimide film as the base material, coated with silicone pressure-sensitive adhesive, and then compounded with fluoroplastic film. It has the characteristics of excellent insulation, breakdown voltage resistance, and high temperature resistance of 260 degrees.
Application	1. High -temperature insulation wrapped around the electronic industry transformers, motors, coils, capacitors, and frequency conversion power suppliers. 2. Suitable for covering and protection during printing line boards (PCB), SMT tin furnaces, and peak welding. 3. High -end electrical insulation protection and lithium battery positive&negative poles. 4. Anti -welding protection. 5. The lithium battery manufacturing is bundled.

Property

Product Code / Technical Parameters	P0106E-75	P0105-75	P0106-75	P0108-75	P0110-75
Color	Gold, Red, Green, Transparent				
Use layer thickness [mm]	0.06	0.05	0.06	0.08	0.1
Backing Thickness[mm]	0.025	0.025	0.025	0.05	0.05
Fluorine membrane Thickness [mm]	0.075	0.075	0.075	0.075	0.075
Composite membrane	Fluorine membrane	Fluorine membrane	Fluorine membrane	Fluorine membrane	Fluorine membrane
Backing	PI	PI	PI	PI	PI
Adhesive	Silicone	Silicone	Silicone	Silicone	Silicone
180° Peel Strength[N/inch]	5-5.5	4	5	5	6
Tensile Strength[kg/25mm]	10	10	10	20	20
Elongation At Break[%]	45	45	45	55	55
Breakdown Voltage[KV]	5	5	5	7	7
Long-Term Temperature Resistance[℃]	260	260	260	260	260
Short-Term Temperature Resistance[℃]	280	280	280	280	280
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.				