

Filament Tape

Introduction	Filament tape is made from transparent PET/PP film, reinforced with striped/mesh fibres and coated with synthetic rubber or acrylic pressure sensitive adhesive on one or both sides. It is characterised by high Tensile Strength, good abrasion resistance, no residual adhesive removal and good flexibility.						
Application	1. New energy industry, lithium battery packaging fixing and assembly strapping. 2. Conventional applications, encapsulating cargo boxes, heavy duty carton sealing and moving heavy goods encapsulation and fixing. 3. Metal industry, coil sealing and steel strapping. 4. Product Code toys, Product Code parts attachment and toy structure fixing and connection. 5. Home appliance industry, large electrical appliances fixed packaging, electrical wiring fixing and temporary fixing of electrical moving parts.						
Property							
<div>Product Code</div> <div>Technical Parameters</div>	P1201	P1201W	P1212	P1214	P1216	P1218	P1208
Appearance	Plain	Cross-weaved	Plain	Plain	Plain	Plain	Cross-Weaved
Total Thickness[mm]	0.14	0.13	0.114	0.137	0.155	0.173	0.3
Backing	PET+Glass Fiber				PP+Glass Fiber	PET+Glass Fiber	
Adhesive	Hot Melt	Hot Melt	Rubber	Rubber	Rubber	Rubber	Hot Melt
180° Peel Strength[N/inch]	18	18	12.7	14	12.7	10.7	22
Tensile Strength[N/inch]	450	550	635	965	762	1346	300
Elongation At Break[%]	3	4	4	4	4.5	4.5	5
Retentivity[hour]	≥48	≥48	≥48	≥48	≥48	≥48	≥48
Long-Term Temperature Resistance[℃]	60	60	80	80	80	80	80
Short-Term Temperature Resistance[℃]	80	80	100	100	100	100	100
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 storing with volatile solvents. Store at 25±5° C and humidity at 50±5%.						