



Aramid paper Silicone Adhesive Tape

Aramid paper Silicone Adhesive Tape is a pressure- sensitive tape made of aramid paper coated by silicone adhesive, and slit after baked in special equipment. Due to excellent heat-resistance, good adhesivity, flexibility, anti-tearing, anti-chemical corrosion and high mechanical strength, it is applicable to class-H heat-resisting insulation in electrical and electronic industry,etc.

*Note:1.Aramid paper **Acrylic** adhesive tape also available*

2.Aramid paper is abbr. of polyaromatic amide fiber paper (NOMEX is commodity name of Dupont's aramid paper)

Characters:

- * Excellent heat resistance ,used as class-H insulation and can work for a long time (200℃);
- * Good adhesivity, flexibility, applicable to appearance protection for all kinds of irregular materials;
- * Stripping off after long time thermal-hardening, no residual glue;
- * High mechanical strength, suitable for coils wrapping;

Spec.:

Item	Unit	AST-S21	AST-S32
Total Thickness	mm	0.10±0.01	0.13±0.01
Paper Thickness	mm	0.05	0.08
Supply Size	Width: 3mm~1000mm; Length: 50m±0.5m		

Properties:

Items	Test Condition	Unit	Product Standard Value	
			AST-S21	AST-S32
1. Appearance	Even surface free of wrinkles, creases, blister, gel particles and impurity; No tearing and adhesive removal when unrolling			
2. Dielectric Strength	A	kV/mm	≥20	≥20
3. Tensile Strength	A	N/cm	≥30	≥40
4. Elongation	A	%	≥5	≥8
5. Adhesive Strength	To steel surface	N/cm	≥3.5	≥3.5
6. Flame Retardant	A	UL-94	V-0	V-0
7.Heat -impact Resistant	180℃/24hrs		No glue removal, delamination and legging	

Storage:

Packed in cartons and sealed in plastic film bag; Keep dry at room temperature. The shelf life is 12 months.

Applications:

Aramid paper pressure sensitive silicone adhesive tape is widely used in wrap for class-H motors ,transformers and high-energy lithium battery and other bonding,wrapping for electrical appliance under high temperature and corrosion conditions,etc.

Note: 1.All of above information is based on our best knowledge, not read as guarantees. Right reserved for corrections.

2.Please contact us if customization requirements.

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