



XJY Silicones PSA

XJY-301 Silicone PSA Series



1>> OVERVIEW

XJY Silicone PSA are highly functional adhesives that have the unique features of temperature resistance, water resistance, electrical insulation, low inflammability, chemical inertness and anti-pollution.

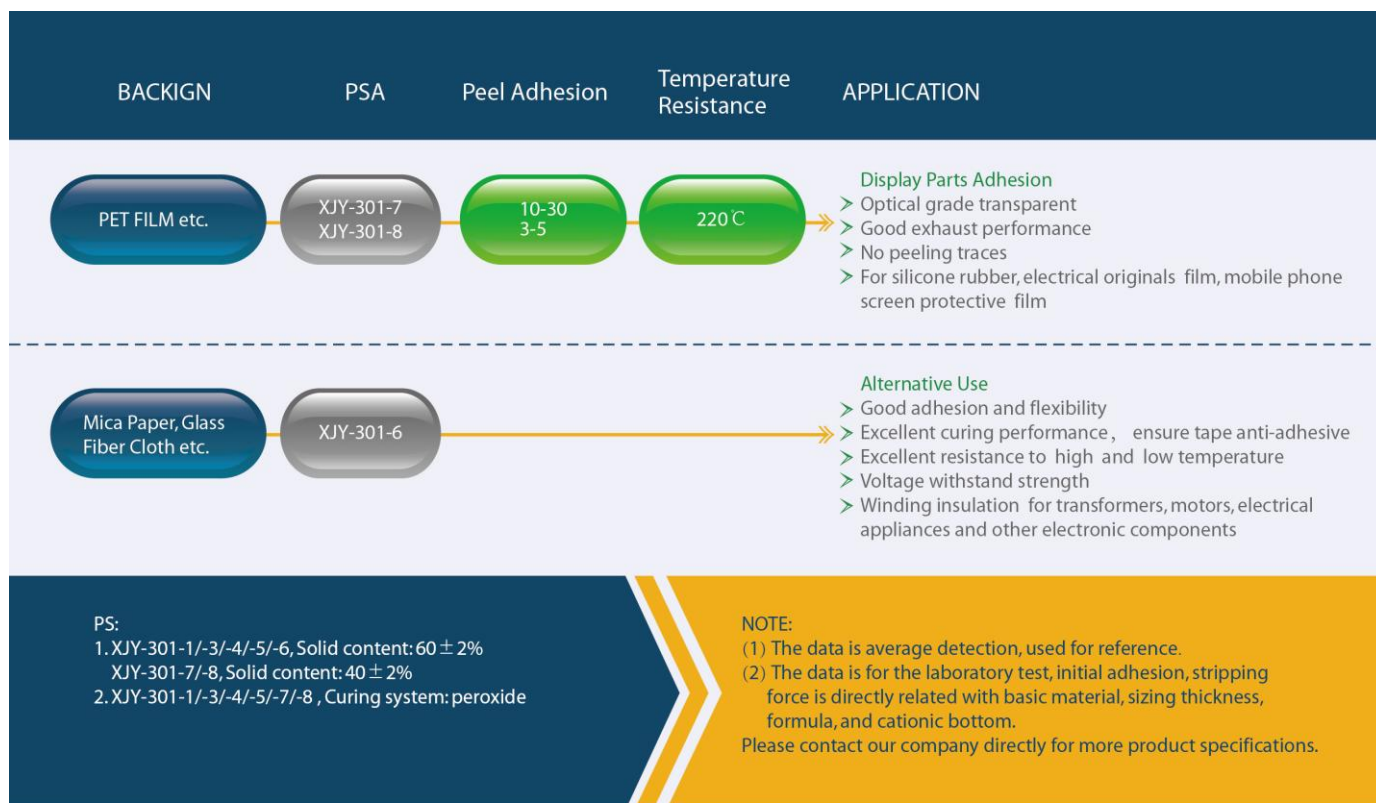
XJY Silicones mainly produce the silicone resins and PSA. The team of the XJY Silicone has more than 30 years' experience in silicone industry. Founded in 2003, which has one of the biggest continues production line of organic silicone resin in the world. Our manufacturing and R&D, and sales services are ISO9001 certified.

2>> ADVANTAGES

1. Excellent high and low temperature resistance (-60 - 300 °C)
2. Outstanding Chemical corrosion, UV resistance and Weather resistance
3. Have good adhesion to low surface energy materials, such as silicone rubber and Teflon materials
4. Good bond behavior

3>> SPECIFICATIONS AND APPLICATIONS

BACKING	PSA	Peel Adhesion	Temperature Resistance	APPLICATION
PET, PI FILM Farbic, Crepe Paper etc.	XJY-301-1	400-600	220 °C	General Purpose <ul style="list-style-type: none"> > Good initial adhesion > General insulation > Textile Hot- Fix > Low volatile substances content > For films and labels, adhesive tape and electrical tape
PET FILM Farbic, Glass Fiber, Crepe Paper etc.	XJY-301-3	800-1000	220 °C	General Masking & Splicing <ul style="list-style-type: none"> > High adhesion > For automobile, ship > Balance of the initial adhesion and cohesion > For electrical tape and other high temperature resistant adhesive tape
PET, PI FILM Farbic, Crepe Paper, Teflon etc.	XJY-301-4 XJY-301-5	800-1000 1000	260 °C	PCB(FPCB) Process Masking <ul style="list-style-type: none"> > High temp endurance > Good initial adhesion and cohesion > For covering tape and thermal spraying masking tape and electrical insulating tape



4>> INSTRUCTIONS

- 1、 Recommended to use DCBP (2,4-dichlorobenzoyl peroxide), DBPMH(2,5-Dimethyl-2,5-di(tert-butylperoxy)hexane), BPO (benzoyl peroxide) as catalysts , Catalyst usage is 2-3%.
- 2、 The temperature of the solvent volatilization section keep below 120 °C , which ensures that the control of catalyst decomposition is the lowest and the solvent volatilize completely. Otherwise, the adhesive tape will produce pores to affect the performance of rubber.
- 3、 The concentration of catalyst preparation is 10%. Please use as soon as possible after preparation, or solvent can have consumption of catalyst and effect catalytic effect.
- 4、 Curing temperature can be appropriately increased to ensure that the catalyst decomposition completely. Otherwise, the tape is easy to produce white gel material. If use BPO as catalyst, the catalyst hasn't decompose completely will produce a small amount of carbon dioxide gas to form pores and impact adhesive tape performance.

5>> PACKAGE

200Kg barrel, 50Kg barrel, can be adjusted with needs.

6>> STORAGE

Storage condition: Keep in cool and ventilated place for six months.

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