

APS-PSA 101-10

Product Overview

APS-PSA 101-10 is a silicone pressure sensitive adhesive designed to provide excellent thermal resistance and electrical insulation properties. APS-PSA 101-10 readily adheres to various substrates and will withstand temperatures over 200°C. Fillers, such as mica or glass cloth, may be incorporated into APS-PSA 101-10 to impart fire resistant characteristics to wire coatings.

Physical Properties

APPEARANCE:	Clear, yellowish Liquid
ACTIVE CONTENT:	60%
SPECIFIC GRAVITY:	0.98
VISCOSITY:	60,000-80,000 cps

Applications

- Very good balance of adhesive and cohesive strength.
- Suitable for fire resistant electrical wire.
- Benzoyl peroxide is the recommended catalyst.

Packaging

Available in 8 oz. samples and 300-lb drums.

Application Methods

- APS-PSA 101-10 may be used as supplied or, if necessary, diluted with an aromatic hydrocarbon such as toluene or xylene. A catalyst is used in a majority of applications to accelerate polymerization. For example, commercial 2-4-dichlorobenzoyl peroxide, in a 50% paste, may be used at approximately 0.5% to 3% based on the volume of APS-PSA 101-10. The adhesive properties depend on curing conditions, which take a few minutes at temperatures between 130°C to 200°C.
- APS-PSA 101-10 should be kept tightly closed when not in use. Store away from direct sunlight in a cool area.

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