

Adhesive Specialities

Manufacturer of Speciality Adhesive Tapes

TECHNICAL DATA SHEET

Product Code – AS-082 – A

POLYESTER POWDER COATING TAPE – 1 mil

Description: Polyester Powder Coating Tape is a polyester film coated with silicone adhesive. It can be used in a large variety of high temperature applications. The specification is very similar to polyimide tape except backing material is of polyester film. It is also available in 2 mil thickness.

Application: Polyester Powder Coating Tape is best suited for powder coating application because of high temperature resistance and its resistance to various acids and chemicals that are used in the powder coating application. The silicone adhesive can be removed cleanly from many surfaces without any residue. It is also highly suitable for flash breaker in the aerospace industry and can be used as a high temperature photo splicing tape. It is also used in various splicing application like silicone coated paper.

Application Technique: For best results, ensure the surface is clean, dry and dust free before application of the tape. Apply even and firm pressure for better adhesion results.

TECHNICAL VALUES

Properties	Value
Base Material – Polyester Film	25 μ m
Adhesive	Silicone
Total Thickness	50 μ m
Tensile Strength (kgs/in)	20 kgs
Adhesion to Steel (gms/in)	900 gms
Elongation (% at break)	5.5% \pm 10%
Temperature Resistance ($^{\circ}$ C/hr)	250 $^{\circ}$ C

Storage & Shelf Life: The tape should be stored in cool and dry place and prolonged exposure to the direct sunlight should be avoided. To obtain best performance, the product should be used within 12 months from the date of manufacture.

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