



Technical Bulletin

Silicone Adhesive Polyester Tape

DESCRIPTION

High Temperature Polyester (PET) Tape is a silicone adhesive film tape, available in a range of thicknesses, sizes and colours dependent on application. Similar to Polyimide Tape in appearance & adhesion, Polyester Tape has a lower heat resistance but higher tensile strength. Polyester Tape exhibits excellent abrasion properties and resistance to moisture & UV and is ideal for applications with temperatures up to 220°C.

Polyester Tape is available in a wide range of colours and are a great option where there are many processes during an application, as it allows for ease of identification.

FEATURES AND BENEFITS

- Excellent electrical properties
- High tensile strength
- Available in a range of colours to differentiate between processes.
- Wide temperature range
- Excellent chemical resistance

PHYSICAL/CHEMICAL PROPERTIES

Property Name	PET silicone Adhesive Tape
Thicknes mil basic	0.025mm
Thickness (mm) total	0.060mm
Width mm	10~500
Length (m)	66
Adhesive Strength (N/25mm)	≥8.24
Elongation Rate	60%
Tensile Strength (N/25mm)	135
Maximum temperature	250°C 10 min, no adhesive overflowed
Pollution resistance	200°C, 2 hours, no adhesive remained on object
Adhesive ability (mm)	1 hour, displacement≤3mm

HANDLING & STORAGE

As with all polyester tapes you should always store in a clean dry area away from any moisture, condensation and direct sunlight.

Shelf life:

2 years	If Stored correctly in a dry place
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