

General Description of Green PET Polyester Mylar Tapes

The single sided green PET lab tape consists of a polyester (mylar) film with a silicone adhesive. It is also known as anodizing or powder coating masking tape. The tape is self-wound without a liner.

Advantages of the green PET lab tape are:

- Low adhesive transfer
- Leaves clean surfaces after removal
- Low outgassing under vacuum
- Excellent masking properties
- Can be easily removed
- Suitable for temporary or transfer applications

If used as temporary tape or transfer tape, only apply minimal pressure. The green PET lab tape is an economical alternative for Kapton tape in less demanding applications and when temperatures are lower than 200°C. With the thicker film and the lower adhesion properties of the silicone based adhesive, the tape is easy to remove and leaves clean surfaces.

Applications

- Masking for vacuum deposition
- Masking for powder coating and anodizing
- Holding samples or parts in high vacuum
- Positioning tape
- General laboratory tape
- Transfer tape
- Temporary sealing tape

Available in widths from 6 to 50mm with a length of 20m. Clean 76mm diameter plastic core.

Specifications

Tape material	PET – polyester (mylar)
Colour	Green tinted
Adhesive	Silicone adhesive
Film thickness	0.05mm
Adhesive thickness	0.04mm
Total tape thickness	0.09mm
Adhesive strength	10N / 25mm
Tape strength	135 kPa
Dielectric strength	4.5 kV
Use temperature range	-20 to +204 °C
Length	20m
Core diameter	76mm (3")