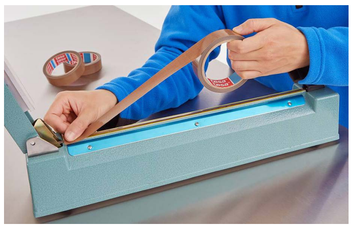
How is PTFE Coated Glass Tape made and where is it used?

How is the PTFE tape made ?

- A woven fiberglass substrate is submerged into a PTFE bath.
- The coated substrate is tracked up a drying tower.
- The process is repeated to increase the longevity.
- Each coating increases the chemical abrasion, tear and puncture resistance.
- The PTFE coated fiberglass carrier is then etched for good adhesion.
- It is coated with a high temperature, silicone adhesive system.
- A release liner is nipped in directly to the adhesive system to allow for easy application in end uses.



PTFE Tapes

PTFE Fabrics

PTFE Belts

Properties of PTFE

- Can resist between -100F and 500F +
- Non-stick surface
- Abrasion resistant
- Easy release
- Good Dielectric Strength
- Low Co-Efficient of Friction
- Flame Retardant
- Thermal Insulation
- Silicone Adhesive
- Shelf Life 12-18 months
- FDA Approval for Direct and Indirect Food Contact
- Useful for films, fabrics, trays and boxes to travel through machinery

In which industries is it used?

Aerospace

Energy

Packaging

Specialties

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