Teflon Tape

TF8260 · PTFE Products Series



Description

Teflon tape is made with fiberglass as the base cloth, coated with PTFE emulsion and dried. It features strong adhesion and is not easy to break, with a smooth surface, excellent non-stick performance and low friction coefficient. It boasts outstanding high temperature resistance, chemical corrosion resistance, excellent insulation and good dielectric properties.

Product Features

- High temperature resistance
- Chemical corrosion resistance
- Excellent insulation
- Good dielectric properties

Standard / Certification

ISO 9001 / IATF 16949 / ROHS / REACH

Technical Data

Property	Unit	Model TF8260
Product Grade		TF8260
Color		Brown
Substrate		PTFE + Fiberglass Cloth
Adhesive		Silicone Pressure-sensitive Adhesive
Total Thickness	mm	0.165
Elongation	%	0.4
Adhesion Strength (to steel)	N/25mm	7.5
Tensile Strength (warp)	N/5cm	1100
Tensile Strength (weft)	N/5cm	740
Operating Temperature Range	℃	−70 ~ 260℃

Notes

• Note: The above parameters are typical values for reference only.

Teflon Tape

Product Advantages

- **High Temperature Resistance**
  Operating range –70˚C to 260˚C, suited to high–temperature heat sealing and similar operations.
- **Chemical Corrosion Resistance**
  The PTFE coating resists acids, alkalis and a wide range of chemical media.
- **Strong Adhesion & Tough, Tear–resistant**
  High adhesion (7.5 N/25mm to steel) with a glass–fiber base giving high tensile strength (1100 N/5cm warp) – tough and not easily torn.
- **Excellent Non–stick & Low Friction**
  Smooth non–stick surface with low friction coefficient for easy release and smooth tape travel.
- **Excellent Insulation & Dielectric Properties**
  Excellent electrical insulation with good dielectric properties for electrical and electronic applications.
- **Smooth Surface & Long Service Life**
  Smooth, wear–resistant surface ideal for high–speed reciprocating sealing and sliding applications with a long service life.

Application Scenarios

- **Packaging Machinery**
  Non–stick and wear protection on heat–sealing zones of packaging and sealing machines.
- **Bag Making & Heat Sealing**
  Covers heat–sealing parts of bag–making machines to prevent sticking and scorching and improve seal quality.
- **Electrical & Electronic Industries**
  Electrical insulation and high–temperature protection for electronic and electrical components.
- **Laminating & Aerospace Molds**
  Non–stick liners for thermoplastics laminating, hot pressing and aerospace mold surfaces.