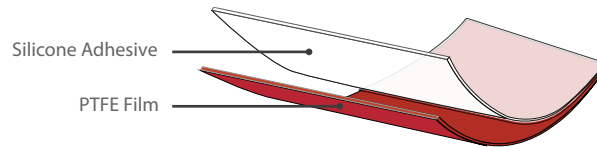


Technical Data Sheet: ZSTF9100R

PTFE Film Tape



ZSTF9100R is a heat-resistant adhesive tape consisting of PTFE (polytetrafluoroethylene) special reinforced film and silicone adhesive layer. These products have a following various properties, high mechanical strength, desirable electrical insulation, chemical resistance, non-adhesive characteristics and excellent heat resistance.



Characteristics

- The non-adhesive side exhibits excellent characteristics of PTFE such as electrical characteristics, resistance to weather, chemical, and water (water-shedding), and non-adhesiveness
- Excellent release properties due to PTFE surface and its low surface energy
- Enhanced mechanical stability and abrasion resistance
- Superior tensile strength

Applications

- Suitable to be used for roll wrapping of polyethylene laminators
- Also suitable for endless belts of polyethylene laminators (time for changing tapes upon dimensional change of laminated products can be shortened by making a double-layered endless belt by bonding the adhesive sides together, or, depending on application)
- Can be laminated with metals, plastics and ceramics as general sliding materials

Properties

Properties	ZSTF9100R
Tape Colour	Red
Tape Thickness (μm)	100
Peel Strength (gf/25mm)	850
Elongation at Break (%)	150
Tensile Strength (mpa/25mm)	65
Service Temperature (°C)	200
Dielectric Breakdown Voltage (kV)	19