tesa® 4800
Premium PTFE glass cloth tape with a silicone adhesive

Premium PTFE glass cloth tape with a silicone adhesive. The product is a self-adhesive and high performance tape for demanding applications, in which high temperature resistance, very good release properties and abrasion resistance is needed.

Features:

- Excellent release properties due to PTFE surface and its low surface energy
- High performance silicone adhesive for residue free removability from a range of substrates
- Smooth surface with low friction coefficient
- Excellent resistance against chemicals and solvents
- Excellent mechanical stability and abrasion resistance
- Very good insulating properties

Main Application

- Non-stick release surface for easy de-moulding in composite industry
- Heat sealing e.g. bag sealing
- Heat resistant electrical insulation
- Covering of friction areas and hot metal surfaces
- Apply a low-friction-surface surface to channels for pour goods
- Belts for applications that require superior release characteristics and thermal stability.
- High temperature masking applications

Technical Data

- Backing material: PTFE coated glass cloth
- Total thickness: 175 µm
- Type of adhesive: silicone
- Adhesion to steel: 5.5 N/cm
- Elongation at break: 3 %
- Tensile strength: 160 N/cm
- Temperature resistance (30 min): 260 °C
- Dielectric breakdown voltage: 8600 volt

Properties

- Hand tearability: yes
- Suitable for die cutting: yes
- Available as Spools: no
- Abrasion resistance: very good

Evaluation across relevant tesa® assortment: very good good medium low

For latest information on this product please visit [http://l.tesa.com/?ip=04800](http://l.tesa.com/?ip=04800)

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