

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

Properties

▪ Hand tearability	●	▪ Available as Spools	no
▪ Suitable for die cutting	yes	▪ Abrasion resistance	●●●●

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

For latest information on this product please visit <http://l.tesa.com/?ip=04800>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.