



# tesa® 4600 Xtreme Conditions HD



## Product Information

Self-fusing silicone tape for heavy duty applications

### Product Features

- It is a strong self-amalgamating silicone tape which seals with itself without adhesive.
- tesa® 4600 Xtreme Conditions HD creates a water tight, permanent sealing.
- Its flexible material can be applied smoothly on any kind of surface, including wet or warm, dirty or oily.
- Xtreme Conditions can even be applied under water.
- Due to its silicone backing the tape has an excellent resistance to various chemical substances, oils, acids, solvents, salt water, UV radiation and extrem temperatures.

### Application Fields

- Insulating and protecting wiring and connections
- Sealing applications in engine compartment
- Wrap hydraulic fittings and other exposed metal connections to prevent corrosion
- Masking applications in powder coating, liquid coating, e-coating, anodizing and plating
- Automotive applications for wire harness as well as general repairs
- Various bundling, securing, wrapping and repairing applications

.... and many others! Do not hesitate to ask tesa for more information!

### Properties/Performance Values

- |                       |           |                                |           |
|-----------------------|-----------|--------------------------------|-----------|
| • Elongation at break | 450 %     | • Dielectric breakdown voltage | 12000 V   |
| • Tensile strength    | 45 N/cm   | • Hand tearability             | low       |
| • Abrasion resistance | very good | • Water resistance             | very good |

### Disclaimer

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