



tesa[®] Professional 4600 Xtreme Conditions

Information Produit

Self-welding silicon tape for an instant hermetic seal

Description produit

tesa[®] 4600 is a self-welding silicon tape that is glued onto its own base. The flexible material fits tightly to various surfaces, thus providing an instant hermetic seal. The self-welding repair tape can be used both indoors and outdoors and also achieves reliable results on oily, dirty or wet surfaces. Even the application under water is possible. The silicon base ensures that the robust tape provides a high resistance to various chemicals, oils, acids, solvents, salt water, UV exposure and high temperatures (from -65° C to +260° C). The silicon tape can also be used for temporary bonds and can be removed at any time without problems. tesa[®] 4600 is a true jack of all trades and is used by professional craftsmen for many kinds of tasks, e.g. insulating cables or for short-term repairs of water pipes.

Application

- Insulating and protecting wiring and connections
- Sealing applications in engine compartment
- Various bundling, securing, wrapping applications in the marine industry
- Wrap hydraulic fittings and other exposed metal connections to help prevent corrosion
- Masking applications in powder coating, liquid coating, e-coating, anodizing and plating
- Automotive applications for wire harness, general repairs
- Marine applications for boat rigging or securing ends of rope

Informations techniques (valeurs moyennes)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Conception du produit

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|-----------|-----------------------|--------------------|--------|
| • Support | stretchable specialty | • Epaisseur totale | 500 µm |
|-----------|-----------------------|--------------------|--------|

Propriétés / Valeurs de performance

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|----------------------------|---------|------------------------------------|----------|
| • Allongement à la rupture | 750 % | • Résistance à l'abrasion | très bon |
| • Résistance à la rupture | 33 N/cm | • Résistant à l'eau | très bon |
| • Facile à retirer | oui | • Temperature resistance min. | -60 °C |
| • Hand tearability | faible | • Tension de claquage diélectrique | 8000 V |

Infos complémentaires

- Stretch the tape to at least double its normal length. Apply it tight on the surface and overlap it tight around itself
- To serve the best purpose for standard electrical applications wrap 3 time with 100% overlapping.
- For high pressure leaks (e.g. sealing of pipes) the tape should be stretched very tight and several layers should be used. Depending on the leak and pipe material the tape can withstand a pressure of 12 bar max.

Please use max. 4 layers with approx. 100mm tape on both sides of the damaged pipe

Pour plus d'informations sur ce produit, visitez <http://l.tesa.com/?ip=04600>



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Infos complémentaires

- Due to the self-fusing process, after applying the tape on itself, a permanent bond is created. Therefore, the tape can be used once.
- Please be aware: Xtreme Condition is not compatible with drinking water

Disclaimer

Tous les produits tesa[®] sont soumis à des contrôles rigoureux qui garantissent une qualité irréprochable. Toutes les informations et données techniques mentionnées ci-dessus sont données de bonne foi sur la base de notre expérience. Elles sont considérées comme des valeurs moyennes et ne conviennent pas pour une valeur précise destinée à un cahier des charges. C'est pourquoi, tesa SE ne peut donner de garanties expresses ou implicites de qualité marchande ou d'adéquation à un usage particulier. Il est du devoir de l'acheteur (du client) de tester l'adéquation des produits à un usage spécifique par un test approprié. En cas de doute, notre service technique se fera un plaisir de vous venir en aide.



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