



# tesa<sup>®</sup> 4600 Xtreme Conditions HD



## Product Information

Cinta auto fundente de silicona

### Descripción del producto

tesa<sup>®</sup> 4600 Xtreme Conditions es una de las cintas Premium. Es una cinta autofundente de silicona de 500 µm con protector de celofán, que se adhiere a la superficie sin adhesivo adicional. Se aplica por presión enrollando la cinta sobre sí misma. La unión de la cinta crea un efecto de sellado inmediato, hermético e impermeable. No necesita tiempo de secado. Es de material flexible que se adapta a todo tipo de superficie, ya sea húmeda, caliente, sucia o aceitosa. Es una cinta que se puede aplicar incluso bajo el agua. Se puede utilizar para aplicaciones temporales, ya que no deja residuos al removerla.

Su soporte de silicona ofrece una excelente resistencia a sustancias químicas como: aceites, ácidos, disolventes, agua salada de mar, rayos UV y temperaturas extremas.

Disponible en negro y transparente

### Características

- It is a strong self-amalgamating silicone tape which seals with itself without adhesive.
- tesa<sup>®</sup> 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.

### Aplicación

- 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!

### Información Técnica: (valores promedio)

Los valores en esta sección son considerados solamente como representativos o típicos y no deben usarse para propósitos específicos.

### Composición del producto

- Espesor total 750 µm

For latest information on this product please visit <http://l.tesa.com/?ip=04600>



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#### Propiedades / Valores de rendimiento

• Elongación a la ruptura	450 %	• Resistencia a la abrasión	very good
• Resistencia a la rotura	45 N/cm	• Temperature resistance min.	-60 °C
• Fácil de quitar	si	• Tensión de ruptura dieléctrica	12000 V
• Hand tearability	low	• Water resistance	very good

#### Additional Information

- 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.
- 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

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For latest information on this product please visit <http://l.tesa.com/?ip=04600>