

# ELASTOSIL<sup>®</sup> FILM 2030 SHEET 250/50

## Silicone Films

ELASTOSIL<sup>®</sup> Film 2030 250/xxx is a high-precision silicone film from cross-linked silicone rubber. The film shows a maximum thickness variation across the total width less than  $\pm 5\%$ . The precision allows a constant electrical resistance and good comparative tracking resistance across a broad range of temperatures. The width is 250 mm and thickness is given in  $\mu\text{m}$  (xxx).

## Properties

ELASTOSIL<sup>®</sup> Film has got the outstanding mechanical and physical properties of platinum cured silicone. - high and selectively gas and water vapor permeable - high temperature resistant and low temperature flexible - high dielectric strength combined with a high specific resistivity - optical transparent - constant mechanical and electrical properties over a wide range of temperatures and operating time - solvent free

## Application details

ELASTOSIL<sup>®</sup> Film can be processed by conventional technologies like die cutting, laser cutting or water jet cutting. It can be glued on a numerous of substrates with standard silicone adhesives. Silicone based conductive material is available. - dielectric film in EAP applications for sensors<(>,<)> actuators and generators - functional membranes - optical layers/interlayers - protective films - functional packaging

## Packaging and storage

### Packaging

ELASTOSIL<sup>®</sup> Film is available in a variety of thicknesses. Our standard portfolio offers film layers from 20  $\mu\text{m}$  to 400  $\mu\text{m}$ . Further thicknesses can be supplied upon request. The delivery takes place in rolls and sheets. Any form is delivered on a PET carrier. Dimensions of film roll stock: 10 m<sup>2</sup>  $\triangleq$  40 running meter x 250 mm 20 m<sup>2</sup>  $\triangleq$  80 running meter x 250 mm Roll stock has an inner diameter of 3" ( $\triangleq$  7,62 cm) 1 space line Film sheets have the dimension 210 mm x 250 mm

## Safety notes

Not applicable

## QR Code ELASTOSIL® FILM 2030 SHEET 250/50



**For technical, quality or product safety questions, please contact:**

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