

EGOSIL PROFIL

are prefabricated, elastic, plastcizerfree sealing profiles. **EGO** Silicone Rubber Profiles are manufactured from high temperature cured silicone rubber in all sizes requested. They remain flexible at low temperatures and feature excellent resistance to heat, UV radiation and weathering.

TYPICAL USES

Sealing profiles for the glass and façade construction supplied in square, rectangular or irregular shapes. **EGO** Silicone Rubber Profiles are pressure compensating sealing profiles that also serve as spacers. For glass roofs and conservatories, connecting joints in prefabricated building components, for windows and roofs as well as for the metal construction.

APPLICATION

Substrates have to be even, dry, load-bearing and free from dust. The profiles may only be bonded with tested silicone sealants/adhesives in accordance with manufacturers' instructions. In case of critical substrates please contact us.

Meets Requirements of IVD Instruction Sheets No. [31](#)

TECHNICAL DATA

Properties	Result	In accordance with
Material Basis	high temperature cured silicone rubber	
Density	approx. 1,15 to 1,3 g/cm ³	
Service Temperature	-50°C to +180 °C	
Shore A Hardness	approx. 50 to 70	DIN 53505
Tensile Strength	approx. 3 to 10 N/mm ²	DIN 53504
Elongation at Break	approx. 250 to 500%	DIN 53504
Tear Resistance	approx. 10 to 20 N/mm	
Compression Set	approx. 10 to 50%	DIN ISO 815-1

AVAILABILITY AND STORAGE

Standard Colour	black other colours on request
Dimensions	Object related, according to information provided by the customer, if required also self-adhesive on one side as assembly aid
Storage	Store in cool and dry conditions in original, unopened packaging Shelf life unlimited



Qualitäts-
Produkte

SAFETY INSTRUCTIONS

Meets Requirements of	REACH Regulation (EC) No. 1907/2006
Not hazardous	According to EC No. 1272/2008 (CLP)
Not subject to Labelling	According to EC No. 1272/2008 (CLP)
Safety Guidelines	See EC safety data sheet
Disposal	See EC safety data sheet

Precautions see EC Security Data Sheet. The above specifications are the result of careful research and development. All previous specifications are hereby null and void. Users are themselves responsible for ensuring the suitability of the product for the purpose intended, liability on the part of EGO being limited to the purchase price of the material. EGO cannot accept liability for damage, in particular that caused by the use of the product or its unsuitability, nor can EGO accept responsibility for unauthorized recommendations or guarantees which deviate from or exceed the specifications given in this product data sheet.

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Member of the Bundesinnungsverband des Glaserhandwerks



Member of the Industrieverband Dichtstoffe e. V. (IVD)



Member of the Institut für Fenstertechnik e. V. Rosenheim



ISO 9001:2015



ISO 14001:2015