

Jehbsil® Silicone Strips

SILICONE EXTRUSION MADE FOR GAP SEALING

Product description

Jehbsil® Silicone Strips are silicone extrusion products that can be used for gap sealing applications in building projects. The product is made for high movement gaps and is designed to be used as an invisible seal.

Properties

The product is made from general purpose silicone or platinum silicone. Product colours are fully customisable and can be custom matched to our clients' requirements.

Safety Notes

We recommend running preliminary tests to ensure the product material and cross-section profile suit the application and meet the desired performance criteria.

Material Composition

Jehbsil Silicone Rubber is made from 100% silicone rubber. No fillers are used in any of our products.

Product Cross-Section Dimensions

The list of existing sizes and dimensions is available [at this link](#). If none of the sizes are available, we will custom engineer an extrusion to suit your requirements. Silicone strips can be made in any combination of the following dimensions:

Thickness : 0.7mm to 50mm

Width: 3.0mm to 200.0mm

The extruded products can be manufactured in any hardness between 30° Shore A to 80° Shore A. Silicone products can also be designed based on other mechanical property requirements (Tensile Strength, Elongation at Break, Tear Strength, etc.)

A general tolerance of ± 0.2 mm is applied for all dimensions in this profile.

PRODUCT DATA

Property	Typical Values		Inspection Method
Hardness	As Required	Shore A	DIN 53505
Density	As Required	g/cm ³	ISO 1183-1 A
Tensile Strength	As Required	N/mm ²	DIN 53504 S 1
Elongation at Break	As Required	%	DIN 53504 S 1
Compression Set (22 hrs @ 175°C)	As Required	%	DIN ISO 815B
Tear Strength	As Required	N/mm	ASTM D624B
Rebound Resilience	As Required	%	DIN 53512
Autoignition Temperature	>400	°C	DIN 51794
Service Temperature	-60 to +200	°C	ASTM D2000
Food Contact Approval (FDA)	Yes		FDA CFR 21 §177.2600
Food Contact Approval (BfR)	Yes		BfR recommendation XV
Drinking Water Contact Approval	Yes		WRAS
Restriction of Hazardous Substances	Compliant		RoHS