VQM Silicone 40 Shore

Silicone is an all-round food safe and universal material with high working temperature. This softer material is applicable at low flange pressures.

ISO	VQM Siliconen Rubber
Shape	Rolls
Color	Transparant
Temperature Range	-60 and 230 °C
Density	1180 kg/m3
Hardness	40 Shore A (± 5)
Elongation at break	600 %
Tensile strength	1.000 N/mm2

Material information

Silicone rubber is a rubber that maintains the same mechanical properties over virtually the entire temperature range. It has good resistance to heat, ozone, aging and chemicals. This rubber is odorless and tasteless. Silicone has excellent nonstick and is non-toxic. Great for situations where one works with vegetable oils.

Usage examples

Seals, strips and cuffs in the food processing industry

Processing

Silicone can be cut to any size or processed into custom products with great precision using our CNC-controlled cutting machine.
Measurement tolerance 7715-P3

European Food Grade according to EC 1935:2004

FDA

USA Food Grade under FDA

Petrol	Oil	UV	Wear resistance	Acids	Alkali	Base
Not suitable	Good	Good	Moderate	Moderate	Not suitable	Not suitable

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
12300020	VQM Siliconen 40 Shore 2 mm		
12300030	VQM Siliconen 40 Shore 3 mm		
12300040	VQM Siliconen 40 Shore 4 mm		
12300080	VQM Siliconen 40 Shore 8 mm		
12300100	VQM Siliconen 40 Shore 10 mm		

Storage advice (ISO 2230)

The enclosed specification gives an indication of the storage periods to prevent degradation in properties of the material. Exposure to light and moisture should be avoided as much as possible. It is advisable to check the material in advance if it is to be stored for more than one year.

Group	Minimum temperature	Maximum temperature	Maximum humidity	Shelf life	Extension after inspection
C	10 °C	25 °C	65 %	10 year	5 year

Related materials

Code	Group Name	Shape	Color
123	VQM Siliconen 40 Shore	Rolls	Transparant
124	VQM Siliconen blauw	Rolls	Blue
138	VQM Siliconen rood	Rolls	Red
103	VQM Siliconen transparant	Rolls	Transparant
139	VQM Siliconen zwart	Rolls	Black

We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.