



EXPERIENCE TO PERFORM

TECHNICAL DATA SHEET

BLACK SILICONE GASKET

BLACK SILICONE SEAL

(Self-extruding)

- PRODUCT DESCRIPTION

Black silicone gasket is a single component polysiloxane-based silicone with acetic cross-linking in an easy-to-use self-extruding package.

Its technical properties are superior to normal silicones, allowing the product to be used in the automotive industry where resistance capacities are required under particularly severe conditions of temperature, pressure and resistance to solvents, lubricating fluids and mechanical stresses.

Silicone has excellent dielectric properties and excellent adhesion to most materials.

The product is able to replace all gaskets in cork, felt, paper, silicone, rubber etc. of any shape and size. It is resistant to temperatures from -50°C to $+180^{\circ}\text{C}$ continuously (peaks up to 250°C). It is suitable for bonding already polymerized silicone and anywhere seals resistant to water, mineral and synthetic oils, LPG, diesel, liquids, radiators and various types of solvents in general are required.

It does not bond to PE, PP, PTFE and bituminous surfaces.

- TECHNICAL SPECIFICATIONS

• Cross-linking type	acetic
• Physical appearance	Thixo paste
• Color	Black
• Temperature of application	$+5 \div +35^{\circ}\text{C}$
• Operating temperature for short periods	$-50 \div +180^{\circ}\text{C}$ $+250^{\circ}\text{C}$
• Specific weight	1.03 g/ml
• Polymerization velocity	1.5 mm/day
• Skin formation	6 minutes
• Elongation at break	400 %
• Dielectric strength	20 KV/mm
• Shore A hardness	20
• Heat conductivity at $+30^{\circ}\text{C}$	0.2 W/mK
at $+150^{\circ}\text{C}$	0.16 W/mK

- METHOD OF USE

1. Cut the tip to the size required.
2. Remove the seal located in the lower part of the dispenser
3. Twist the tip one quarter turn to the left

Remove the sealant to be replaced. The surfaces must be clean and dry. Dispense the product evenly by lightly pressing the lever on one of the two surfaces, taking care to also fully fill the bolt holes.

Wait around 10 minutes, until the formation of a skin, before assembling the parts.

After use, squeeze a small amount of the product from the nozzle to act as a stopper for longer storage of **Black silicone gasket**. Reposition the red stopper provided. Before further use, extract the stopper of hardened material and continue as described above.

- STORAGE

Product validity after packaging in sealed package and stored at room temperature: 12 months.

- WARNING

During hardening, traces of acetic acid vapors are released. Avoid extended contact of the product with the skin and the eyes; in the event of contact with eyes, wash abundantly with water.

- PACKAGING

Aluminum bottle
Contents 200 ml
Code 0099

- NOTES

For information on product safety, please consult the safety sheet.

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The data contained herein are the result of technological research by our laboratories and are given for informative purposes only. We exclude any liability deriving from the incorrect choice or application of the product and from the lack of the necessary precautions, which should be carefully checked by the user. For information, please contact our Technical Dept. on no. +39 02924361

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