

The logo for ECATEC, featuring the company name in a bold, white, sans-serif font with a horizontal line through the middle of the letters. The background is a dark blue industrial scene with large pipes and a red geometric overlay.

ECATEC

ELABORADORA DE CAUCHOS TÉCNICOS

The word 'CATALOGUE' in a large, white, sans-serif font, positioned on a red geometric background that overlaps the industrial image.

CATALOGUE

GASKETS OF VENTILATION AND
EVACUATION OF GAS AND FUMES

ECATEC.ES

We profile your ideas

ECATEC
ELABORADORA DE CAUCHOS TÉCNICOS

Silicone rubber VMQ-PVMQ

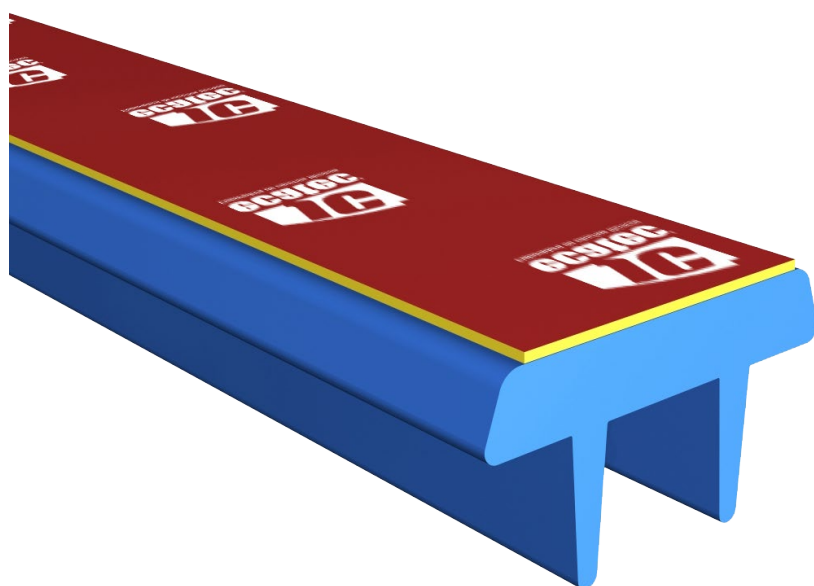
Silicone rubber is a derivative of quartz rock combined at high temperatures with carbon. It is considered a good electrical insulator and in contact with flames it burns with difficulty.

They have excellent resistance to hot air and extreme flexibility at low temperatures. Its resistance to ozone, weather, saline environments and ultraviolet radiation is extraordinary.

Silicones available from production: standard insulating silicone (MVQ), conductive silicone, corona treatment silicone, steam silicone, fluoro silicone (FVMQ), very high temperature silicone (THT), very low temperature silicone (PMVQ), platinum silicone . Standard silicone is translucent 65 Shore A°.

PROPERTIES

Hardness (Shore A)	Work (°C)	Tolerance	Colours	Applications	Certifications
25 a 85	-70 a 220	ISO 3302-1996 (E) E AND L CLASS EXTRUSION ISO 3302-1996 (E) M-CLASS CLASS MOLDEO	Any colour, following RAL o PANTONE	They are generally joints of tightness, for all kinds of industries, especially those of machinery manufacturers.	Farmacopea Europea 3ª edición USP XXV Clase VI No flavor transfer FDA (CFR21 sección 177.2600, etc.)



+ We make any diameter with adhesive tape, facilitating their assembly.

MATERIALS

FLUORIDED RUBBER VITON OR FKM

The main characteristic of fluorocarbon rubber or FKM rubber is its resistance to temperatures and chemical agents, depending on the fluorine content. In addition, fluorocarbon rubbers have great resistance to: aliphatic, aromatic and chlorinated hydrocarbons, to water and water vapor and against acids and alkalis as well as great resistance to weathering and ozone.

Disadvantages: high density and weak resistance to esters and ketones.

Standard fluoro rubber is 75 Shore A black.

PROPERTIES

Hardness (Shore A)	Work (°C)	Tolerances	Colours	Applications	Certifications
70 a 80	170 a 180	ISO 3302-1996 (E) E AND L CLASS EXTRUSION ISO 3302-1996 (E) M-CLASS CLASS MOLDEO	Black	automotive Building Electric sector industrial gaskets Pipelines supplies	

EPDM ETHYLENE-PROPYLENE-DIENE RUBBER

EPDM rubber is a type of synthetic rubber used for a wide range of applications such as automotive, construction, industrial gaskets, etc.

EPDM rubber membranes have great resistance to sudden changes in temperature, aging, ozone and numerous corrosive chemicals. Resistance to many acids, alkalis, detergents, ketones, alcohols and glycols and high mechanical properties.

Likewise, with EPDM rubber, formulations with high levels of electrical insulation, medium-grade flame retardancy or that allow contact with drinking water can be achieved. Standard EPDM rubber is 65 Shore black.

PROPERTIES

Hardness (Shore A)	Work (°C)	Tolerances	Colours	Applications	Certifications
50 a 85	-45 a 120	ISO 3302-1996 (E) E AND L CLASS EXTRUSION ISO 3302-1996 (E) M-CLASS CLASS MOLDEO	Black White Grey	automotive Building Electric sector industrial gaskets Pipelines supplies	



DIN EN 14241 Parte 1 200 W2 K2 I

Silicone gaskets for gas and smoke evacuation are used in smoke/air evacuation/aspiration ducts made up of 2 concentric tubes. Inner and outer tube generally made of polypropylene or stainless steel. These joints are pressure resistant for the evacuation of exhaust gases.

The manufacturing process starts from an extruded profile and joined with silicone adhesive or vulcanized joints forming annular joints. Both the RAU-SIK 8508 material combination and its bonding are certified by TÜV (according to DIN EN 14241 Part 1 200 W2 K2 I).

It is an accreditation by an independent entity of ECATEC's quality requirement, and it also develops, together with its clients, new profile sections and various diameters, to guarantee the sealing needs.



10002093

Height	Width	Format
4,4mm	5,8mm	CR200m

Material	SILICONE 65° BLACK
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10001797

Height	Width	Format
3,5mm	7mm	CR200m

Material	SILICONE 65° BLUE
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10002107

Height	Width	Format
6mm	7,8mm	CR200m

Material	SIL. 65° HT RED
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10001754

Height	Width	Format
6mm	7,8mm	CR200m

Material	SIL. 65° RED
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10002094

Height	Width	Format
5mm	7,8mm	CR200m

Material	SIL. 65° HT RED
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10001913

Height	Width	Format
5,5mm	8mm	CR200m

Material	SILICONE 65° BLACK
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10002111

Height	Width	Format
6,4mm	8mm	CR200m

Material	SIL. 50° HT BLUE
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10004037

Height	Width	Format
6,4mm	8,2mm	CR200m

Material	SILICONE 70° BLACK
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10001182

Height	Width	Format
3,5mm	8,5mm	CR200m

Material	SILICONE 65° GREEN
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10000678

Height	Width	Format
3,9mm	8,5mm	CR200m

Material	SIL. 65° DARK RED
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10000999

Height	Width	Format
5,8mm	8,8mm	CR200m

Material	SIL. 65° DARK RED
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10001043

Height	Width	Format
5mm	8,9mm	CR200m

Material	SILICONE 65° BLUE
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10000926

Height	Width	Format
5mm	8,9mm	CR200m

Material	SIL. 65° RED
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10000677

Height	Width	Format
5mm	9mm	CR200m

Material	SILICONE 65° BLACK
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10000679

Height	Width	Format
4,25mm	9,5mm	CR200m

Material	SILICONE 65° BLACK
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10002092

Height	Width	Format
5mm	9,75mm	CR200m

Material	EPDM 70° BLACK
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10004024

Height	Width	Format
6,2mm	9,8mm	CR200m

Material	SILICONE 70° GREY
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10004025

Height	Width	Format
6,2mm	9,8mm	CR200m

Material	EPDM 60° BLACK
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10000532

Height	Width	Format
6,5mm	10mm	CR200m

Material	SIL. 65° DARK RED
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10000680

Height	Width	Format
4,1mm	10mm	CR200m

Material	SILICONE 65° BLACK
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10001740

Height	Width	Format
5mm	10mm	CR200m

Material	SILICONE 65° GREEN
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10003663

Height	Width	Format
6mm	10mm	CR200m

Material	SILICONE 65° GREY
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10003416

Height	Width	Format
6,2mm	10mm	CR200m

Material	SILICONE 65° GREEN
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10001212

Height	Width	Format
7,5mm	10mm	CR200m

Material	SILICONE 65° BLACK
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10001743

Height	Width	Format
7,2mm	11,2mm	CR200m

Material	SILICONE 65° NEGRA
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1000H1369

Height	Width	Format
4mm	11,7mm	CR200

Material	SILICONE 70° BLACK
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10001558

Height	Width	Format
6mm	12mm	CR200m

Material	SILICONE 65° GREY
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10001771

Height	Width	Format
6,5mm	12mm	CR200m

Material	SIL. 65° DARK RED
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10001508		
Height	Width	Format
7,5mm	12mm	CR200m
Material	EPDM 70° BLACK	

10003124		
Height	Width	Format
6,5mm	19,9mm	CR200m
Material	SILICONE 65° BLACK	

10001514		
Height	Width	Format
6,7mm	27mm	CR200m
Material	SILICONE 65° BLACK	



EPDM / VMQ

JOINTS FOR PIPES

10003946		
Height	Width	Format
10,4mm	30,8mm	CR200m
Material	SILICONA. 65° GREY	

10003328		
Height	Width	Format
7,6mm	20mm	CR200m
Material	SIL. 65° DARK RED	

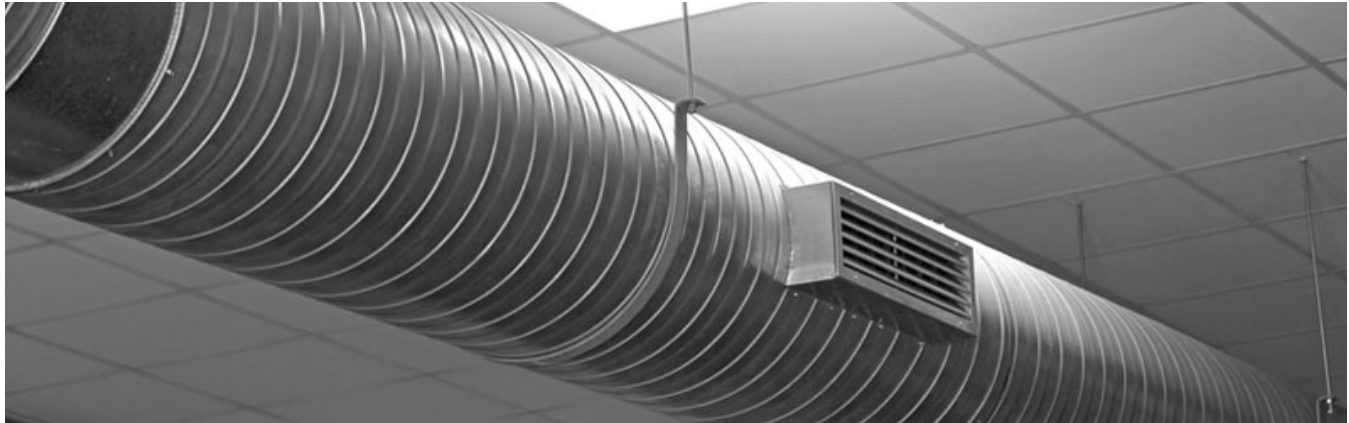


The gaskets for ventilation are resistant to aging to guarantee the tightness and durability of the joints between the tubes, without being affected by changes in temperature. The manufacturing process starts from an extruded profile and joined with silicone adhesive or vulcanized joints forming annular joints.

ECATEC also develops, together with its clients, new profile sections and different diameters, to guarantee the sealing needs.

Applications:

- Air conditioners
- Industrial and domestic extractors
- Ventilation equipment



1003460

Inside width	Height	Format
5mm	6,1mm	CR200m

Material	EPDM 70° BLACK
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A- 165

Height	Width	Format
6mm	11,8mm	CR200m

Material	EPDM 70° BLACK
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A- 166

Height	Width	Format
9mm	11mm	CR200m

Material	EPDM 70° BLACK
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A- 167

Height	Width	Format
14,3mm	14,5mm	CR200m

Material	EPDM 70° BLACK
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A- 168

Height	Width	Format
19mm	15,5mm	CR200m

Material	EPDM 70° BLACK
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Committed to quality

ISO 9001 | ISO 14001 <<

EN 45545 | FDA 177.2600 | DVG WW270 | EN 681-1 | ACS | VW281 | UNE <<

Personalised attention | Quality| Technology| Custom pieces <<

Committed to the customer

>> Personalised attention | Quality | Technology

>> Process monitoring | Custom pieces