AUTOCLAVE DOOR GASKETS



AUTOCLAVE DOOR GASKETS

Le guarnizioni Tecnomed Italia® in silicone LSR medical grade platinum cured offrono prestazioni superiori rispetto alle tradizionali guarnizioni in EPDM o silicone standard. Prodotte secondo standard ISO 13485 e conformi ai requisiti delle normative ISO 10993 e USP Class VI, garantiscono affidabilità, durata e costanza nei cicli di sterilizzazione intensivi. Le guarnizioni in silicone LSR al platino assicurano maggiore elasticità, stabilità molecolare e resistenza ai cicli termici estremi, riducendo deformazioni, indurimento precoce e usura nel tempo. Con un range operativo da −60 °C a +250 °C, mantengono elevate prestazioni anche in presenza di vapore saturo, agenti chimici e detergenti utilizzati nei processi di sterilizzazione. La tecnologia LSR consente inoltre una produzione ad alta precisione, con migliore accoppiamento al portello e minore rischio di perdite o manutenzioni premature, garantendo affidabilità anche dopo migliaia di cicli di utilizzo. La vulcanizzazione al platino conferisce infine maggiore purezza del materiale, migliore stabilità nel tempo e assenza delle alterazioni tipiche delle guarnizioni industriali tradizionali, assicurando prestazioni affidabili anche dopo 1.000 cicli di sterilizzazione.

Tecnomed Italia® platinum-cured medical grade LSR silicone gaskets provide superior performance compared to traditional EPDM or standard silicone gaskets. Produced under an ISO 13485 certified quality management system and compliant with ISO 10993 and USP Class VI requirements, they ensure reliability, durability, and consistent performance during intensive sterilization cycles. Platinum-cured LSR silicone gaskets provide enhanced elasticity, molecular stability, and resistance to extreme thermal cycles, reducing deformation, premature hardening, and wear over time. With an operating temperature range from −60 °C to +250 °C, they maintain high performance even when exposed to saturated steam, chemical agents, and detergents used in sterilization processes. LSR technology also enables high-precision manufacturing, ensuring improved door sealing performance and reducing the risk of leakage or premature maintenance, while maintaining reliability even after thousands of operating cycles. Finally, platinum curing provides greater material purity, improved long-term stability, and eliminates the typical degradation associated with traditional industrial gaskets, ensuring reliable performance even after 1,000 sterilization cycles.

TECNOLOGIA UTILIZZATA

- silicone LSR medical grade;
- vulcanizzazione platinum cured;
- compound ad alta stabilità termica;
- tecnologia ad alta precisione dimensionale.

VANTAGGI

- maggiore affidabilità operativa;
- riduzione delle manutenzioni premature;
- migliore stabilità nel tempo;
- migliore accoppiamento con il portello autoclave;
- prestazioni costanti anche dopo 1.000 cicli di sterilizzazione.

TECHNOLOGY USED

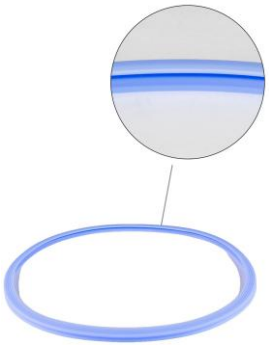
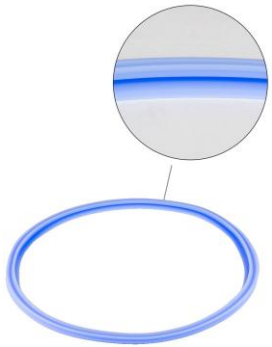
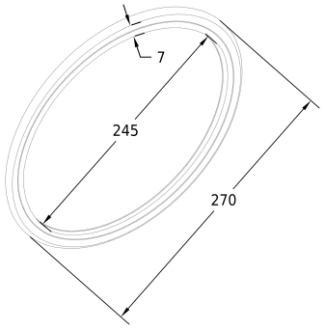
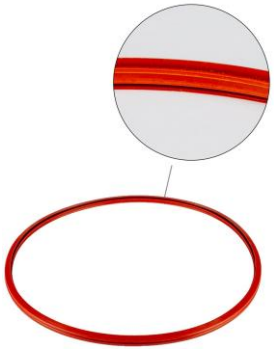
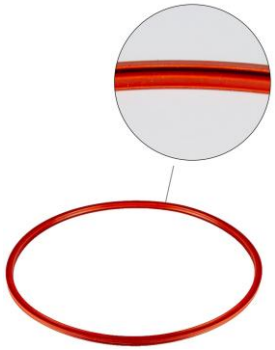
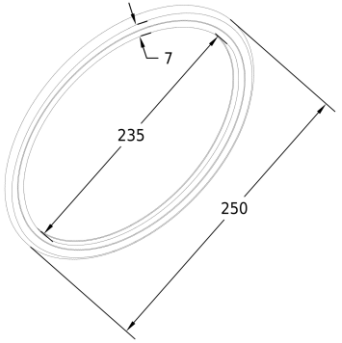
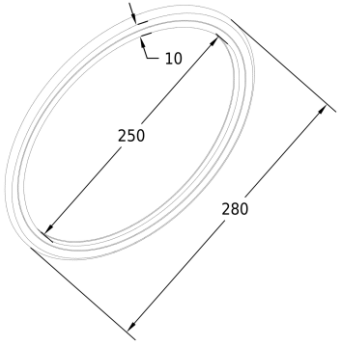
- ***medical grade LSR silicone;***
- ***platinum-cured vulcanization;***
- ***high thermal stability compound;***
- ***high dimensional precision manufacturing technology.***

ADVANTAGES

- ***increased operational reliability;***
- ***reduced premature maintenance;***
- ***improved long-term stability;***
- ***enhanced sealing and fitting with the autoclave door;***
- ***consistent performance even after 1,000 sterilization cycles.***

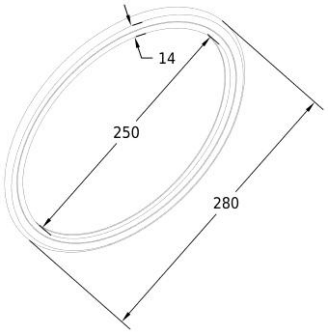
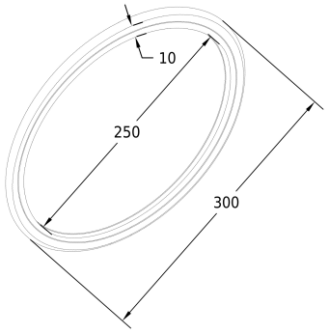
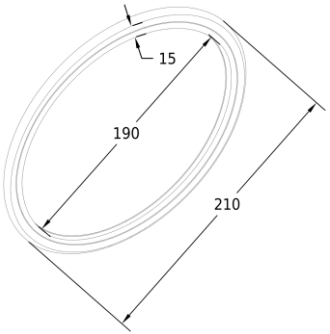
Scopri come riconoscere una guarnizione di qualità a pagina 11.
Find out how to identify a high-quality gasket on page 11.

AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
EURONDA	E6-E7-E8-E9-E10 MED/NEXT				830475	GU06EU
FARO	MOON,STEP, SK07, EASYR				SP708014	GU04FA
GETIDY DENTRONICA	JQ 18/23L- YARIS YS/YG18/23, ECATE 18/23L				DEA1.14N	DEA1.14N

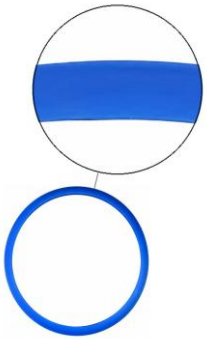
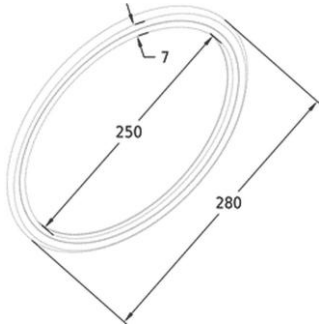
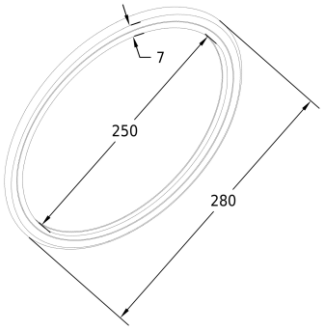
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AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
MELAG	VAKUCLAVE 118/123/318/323, VAKUCLAV 100/300S, STERILHERO, VAKUCLAV 40B/+, 41B/+,-43B/+, 44B/+				22685 (EX 45160)	GU46ME
MELAG SIRONA	EUROKLAV 23S+,23/29VS+ , VACUKLAV 23B+, 24B/BL+, 30B/B+, 31B+ 17L				58512	GU01ME
MELAG	VACUQUICK 13/14B				47540	GU49ME

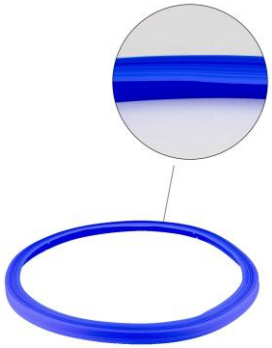
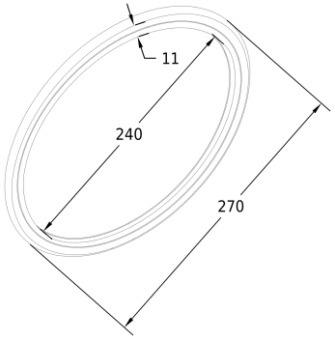
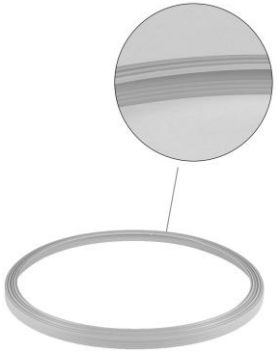
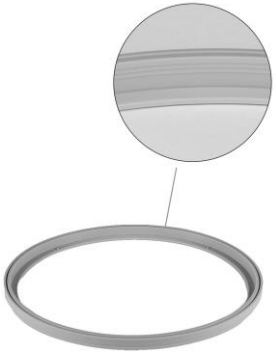
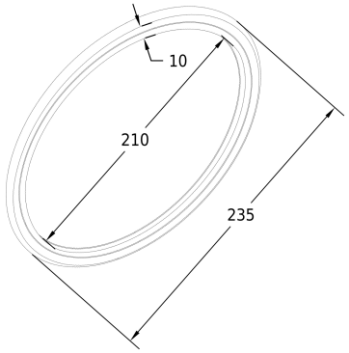
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AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
MIDMARK NEWMED	B18/23 KRONOS 18/23L				MIDMARK: 000024 NEWMED: 5159	GU04MN
NSK SIRONA	DXP DOMINA SIROCLAVE B				NSK: 021206 SIRONA: 6581768	GU08NS

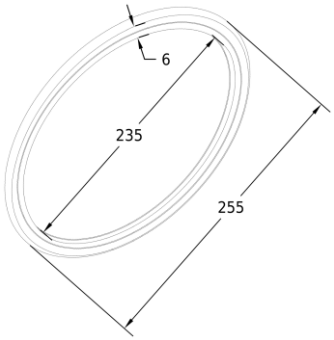
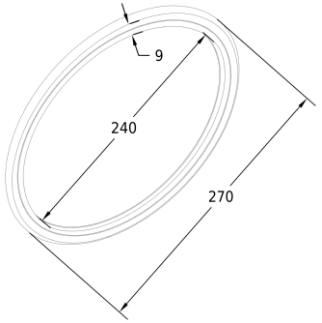
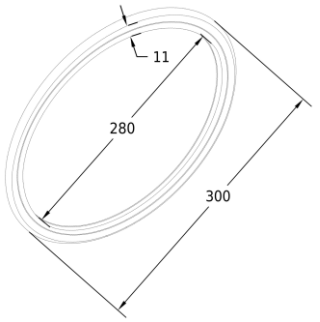
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AUTOCLAVE DOOR GASKETS

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RUNYES GALBIATI WOSON YESON FOMOS	SEA18/23L LCD PRIMA 18/23L 18/23L 17/23L 18/23L				RUNYES: 7502990061 GALBIATI: 12.02.2174	GU07RW
RUNYES WOSON	SEA12L TANCO 12L				RUNYES: 7502990008 WOSON: 106644 (THICKNESS 11 MM)	GU0712RW

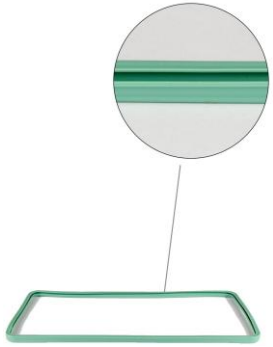
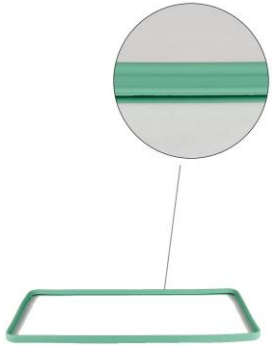
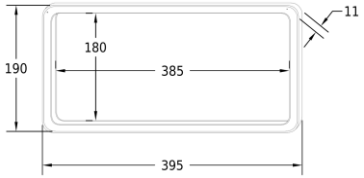
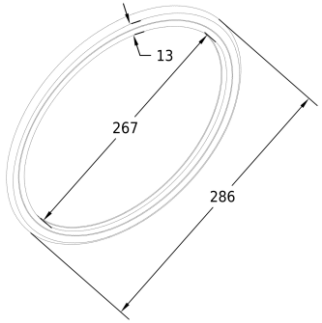
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AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
SCICAN MOCOM	BRAVO 17/V-21V MILLENNIUM B/B+/B2,EXACTA S/S2 (D. 25,5 CM)				SCICAN: 48000050000 MOCOM: 00409	GU10CF
SCICAN CEFLA MOCOM	BRAVO G4 17-22L STERNWEBER SW17/22 ANTHOS A17/23 MILLENNIUM CLASSIC/FUTURA B17/22, EXACTA S (D. 27 CM)				97400266 (EX 97400145 - EX 97400258)	GU11CF
SCICAN MOCOM CEFLA	BRAVO 4G 28L B28 NEW -ANTHOS A28 STERNWEBER SW28L				SCICAN: 97467176 MOCOM / CEFLA: 97467471	GU27CF

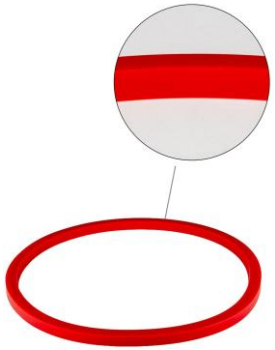
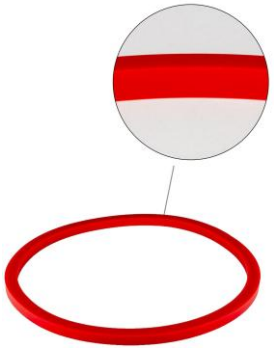
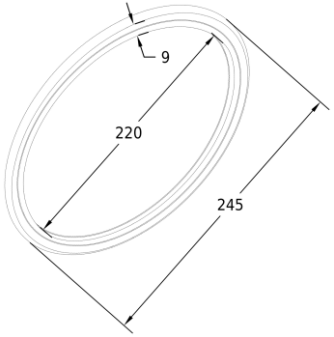
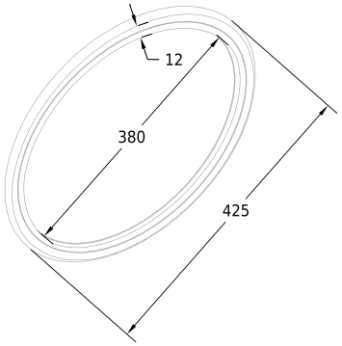
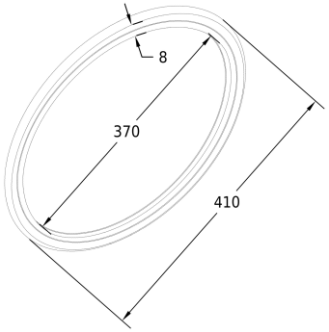
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AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
SCICAN	STATIM 5000/S/G4/ENDO				01-101649S	GU39SC
TECNOGAZ	TECNOGAZ EUROPA B/EVO, ONYX B, ANDROMEDA 21L				N-DANA038	GU33TC

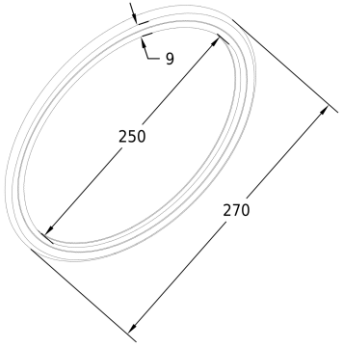
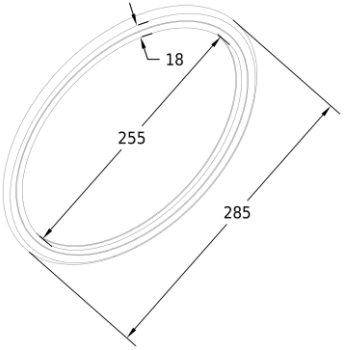
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AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
TUTTNAUER	2340 EV RED				02610118	GU41TU
TUTTNAUER	3870E/EA/EHS/M, 3850E/M GRAY				02610019 GRAY	GU42TU
TUTTNAUER	3870ELV-WR-D BLUE				02610019 BLUE	GU43TU

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AUTOCLAVE DOOR GASKETS

BRAND	AUTOCLAVE MODEL	FRONT IMAGE	REAR IMAGE	DRAWING	ORIGINAL REF.	ORDER CODE
W&H DENTAL-X	LISA MB17/22 DX18B, DOMINAPLUS B				W&H: F460503X DENTAL-X: 0210099 (EX DMBP2002)	GU02WH
W&H	LISA V131-17/22, LISA 300-500/FAST, LARA RIL-117/122,LINA 17/22, LYLA 17/22				F460504X	GU32WH

E-SHOP

SPECIAL REQUEST
Report errors
or submit special requests

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COME RICONOSCERE UNA GUARNIZIONE DI QUALITÀ?

Una guarnizione LSR medical grade di alta qualità:

- mantiene elasticità uniforme anche dopo compressione;
- non presenta screpolature superficiali;
- non rilascia residui oleosi;
- mantiene colore e compattezza nel tempo;
- presenta ritorno elastico immediato;
- mostra elevata stabilità dimensionale.

Alcuni produttori di silicone medicale indicano inoltre che i materiali LSR ad alta purezza non presentano fenomeni evidenti di "whitening" o opacizzazione dovuti a filler economici durante deformazione o stiramento.

FOCUS TECNICO

Nel settore delle autoclavi dentali, la qualità della guarnizione del portello influisce direttamente su affidabilità, mantenimento della pressione, durata dei componenti e continuità operativa della sterilizzazione. A differenza delle tradizionali guarnizioni in EPDM o silicone standard, il silicone LSR al platino presenta una struttura molecolare più stabile, maggiore purezza del composto e migliori prestazioni meccaniche anche dopo 1.000 cicli di sterilizzazione.

Caratteristica	LSR Medical Grade Platinum Cured	EPDM Tradizionale
Superficie	Liscia e uniforme	Più opaca e ruvida
Elasticità	Elevata e stabile	Tende a irrigidirsi
Memoria elastica	Molto elevata	Inferiore
Precisione dimensionale	Molto alta	Variabile
Stabilità termica	Eccellente	Inferiore
Resistenza invecchiamento	Molto elevata	Media
Purezza materiale	Alta	Variabile
Odore materiale	Assente o neutro	Più marcato
Stabilità dopo cicli autoclave	Elevata	Riduzione progressiva

Superficie omogenea e compatta

Una guarnizione LSR premium presenta una superficie liscia, uniforme e priva di micro-porosità. Questo garantisce:

- migliore tenuta pressione/vapore;
- minore accumulo di residui;
- usura più uniforme nel tempo;
- minore rischio di micro-perdite.

HOW TO IDENTIFY A HIGH-QUALITY GASKET?

A high-quality medical grade LSR gasket:

- maintains uniform elasticity even after compression;
- does not show surface cracking;
- does not release oily residues;
- maintains color and structural integrity over time;
- provides immediate elastic recovery;
- demonstrates high dimensional stability.

Some medical silicone manufacturers also state that high-purity LSR materials do not show evident "whitening" or opacity effects caused by low-cost fillers during deformation or stretching.

TECHNICAL FOCUS

In the dental autoclave industry, the quality of the door gasket directly affects reliability, pressure retention, component lifespan, and the operational continuity of the sterilization process. Unlike traditional EPDM or standard silicone gaskets, platinum-cured LSR silicone features a more stable molecular structure, higher compound purity, and improved mechanical performance even after 1.000 sterilization cycles.

Feature	LSR Medical Grade Platinum Cured	Traditional EPDM
Surface	Smooth and uniform	More opaque and rough
Elasticity	High and stable	Tends to harden
Elastic Memory	Very high	Lower
Dimensional Precision	Very high	Variable
Thermal Stability	Excellent	Lower
Aging Resistance	Very high	Medium
Material Purity	High	Variable
Material Odor	Odorless or neutral	More noticeable
Stability After Autoclave Cycles	High	Reduces progressively

Homogeneous and Compact Surface

A premium LSR gasket features a smooth, uniform surface free from micro-porosity. This ensures:

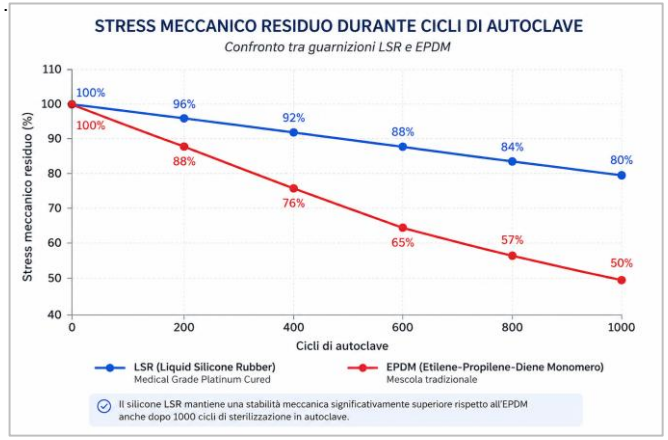
- improved pressure and steam sealing;
- reduced residue accumulation;
- more uniform wear over time;
- lower risk of micro-leakage.

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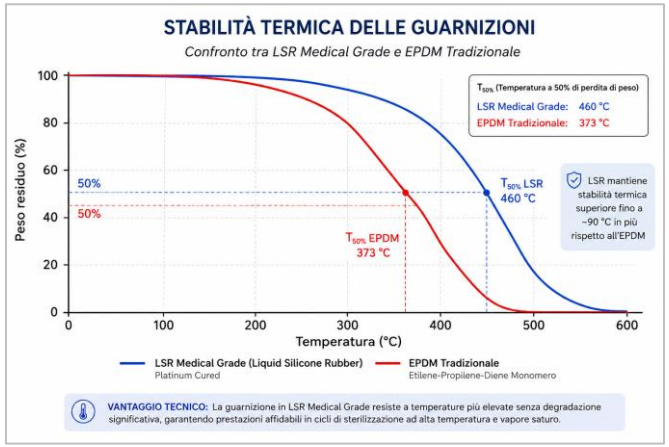
Elevata memoria elastica

Il silicone LSR platinum cured mantiene più a lungo la propria elasticità rispetto alle tradizionali mescole EPDM. Dopo compressione il materiale ritorna più rapidamente alla forma originale riducendo deformazione permanente, schiacciamento, perdita di tenuta e indurimento precoce.



Stabilità alle alte temperature

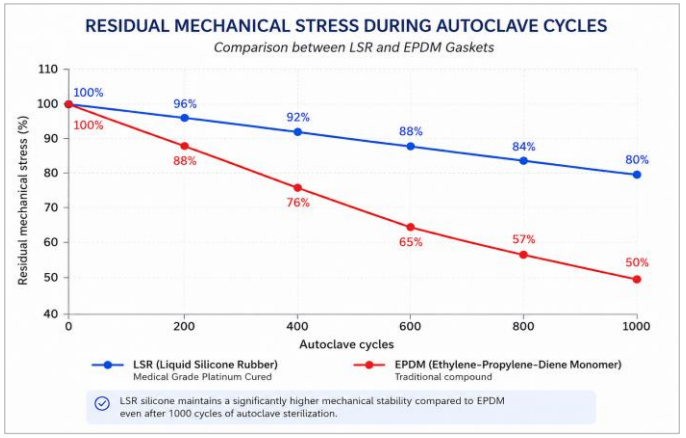
Il silicone LSR platinum cured lavora in un range termico da −60 °C a +250 °C (EPDM: −40 °C / +150 °C), mantenendo elevata elasticità e stabilità anche durante cicli continui di sterilizzazione ad alta temperatura e vapore saturo. Grazie alla struttura silossanica del silicone LSR, il materiale garantisce una stabilità termica superiore rispetto agli elastomeri tradizionali, preservando tenuta ed elasticità delle guarnizioni anche dopo 1.000 cicli di sterilizzazione.



I grafici e le rappresentazioni tecniche presenti nel catalogo sono basati su dati tecnici, proprietà dei materiali e test comparativi relativi a compound LSR medical grade ed EPDM impiegati in applicazioni di sterilizzazione ad alta temperatura. Le prestazioni effettive possono variare in funzione della formulazione specifica del materiale, delle condizioni operative e delle modalità di utilizzo. I dati riportati sono da intendersi come indicativi e non costituiscono specifiche tecniche vincolanti.

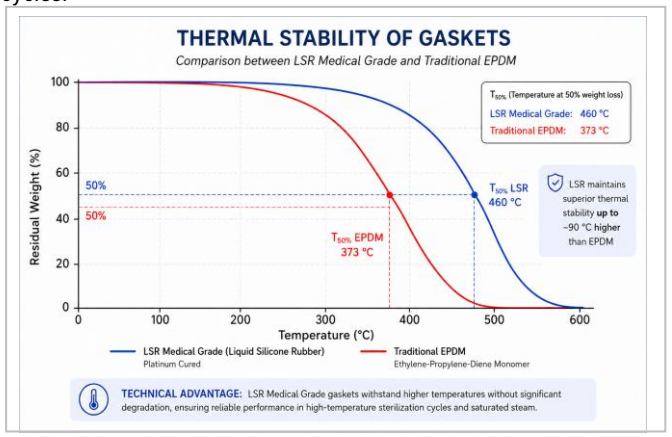
High Elastic Memory

Platinum-cured LSR silicone maintains its elasticity longer compared to traditional EPDM compounds. After compression, the material returns more quickly to its original shape, reducing permanent deformation, flattening, sealing loss and premature hardening.



High Temperature Stability

Platinum-cured LSR silicone operates within a temperature range from −60 °C to +250 °C (EPDM: −40 °C / +150 °C), maintaining high elasticity and stability even during continuous High-temperature sterilization and saturated steam cycles. Thanks to the siloxane structure of LSR silicone, the material provides superior thermal stability compared to traditional elastomers, preserving gasket sealing performance and elasticity even after 1.000 sterilization cycles.



The charts and technical representations included in this catalogue are based on technical data, material properties, and comparative tests relating to medical grade LSR and EPDM compounds used in high-temperature sterilization applications. Actual performance may vary depending on the specific material formulation, operating conditions, and usage methods. The data provided is intended as indicative and does not constitute binding technical specifications.

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AUTOCLAVE DOOR GASKETS - QUICK ORDER REFERENCE

BRAND	MODEL	ORIGINAL REF.	TECNOMED ORDER CODE	PAGE
CEFLA	STERNWEBER SW17	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
CEFLA	STERNWEBER SW22	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
CEFLA	ANTHOS A17	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
CEFLA	ANTHOS A23	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
CEFLA	ANTHOS A28	97467471	GU27CF	7
CEFLA	STERNWEBER SW28L	97467471	GU27CF	7
DENTAL-X	DX18B	0210099 (EX DMBP2002)	GU02WH	10
DENTAL-X	DOMINA PLUS B	0210099 (EX DMBP2002)	GU02WH	10
DENTRONICA	ECATE 18L	DEA1.14N	DEA1.14N	3
DENTRONICA	ECATE 23L	DEA1.14N	DEA1.14N	3
EURONDA	E6	830475	GU06EU	3
EURONDA	E7	830475	GU06EU	3
EURONDA	E8	830475	GU06EU	3
EURONDA	E9	830475	GU06EU	3
EURONDA	E10	830475	GU06EU	3
EURONDA	MED/NEXT	830475	GU06EU	3
FARO	MOON	SP708014	GU04FA	3
FARO	STEP	SP708014	GU04FA	3
FARO	SK07	SP708014	GU04FA	3
FARO	EASYR	SP708014	GU04FA	3
FOMOS	18L	N/A	GU07RW	6
FOMOS	23L	N/A	GU07RW	6
GALBIATI	PRIMA 18L	12.02.2174	GU07RW	6
GALBIATI	PRIMA 23L	12.02.2174	GU07RW	6
GETIDY	JQ 18L	DEA1.14N	DEA1.14N	3
GETIDY	JQ 23L	DEA1.14N	DEA1.14N	3
GETIDY	YARIS YS/YG18/23	DEA1.14N	DEA1.14N	3
MELAG	VAKUCLAVE 118	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAVE 123	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAVE 318	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAVE 323	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 100	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 300S	22685 (EX 45160)	GU46ME	4
MELAG	STERILHERO	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 40B	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 40B+	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 41B	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 41B+	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 43B	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 43B+	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 44B	22685 (EX 45160)	GU46ME	4
MELAG	VAKUCLAV 44B+	22685 (EX 45160)	GU46ME	4
MELAG	EUROKLAV 23S+	58512	GU01ME	4
MELAG	EUROKLAV 23	58512	GU01ME	4
MELAG	EUROKLAV 29VS+	58512	GU01ME	4
MELAG	VACUKLAV 23B+	58512	GU01ME	4

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MELAG	VACUKLAV 24B	58512	GU01ME	4
MELAG	VACUKLAV 24BL+	58512	GU01ME	4
MELAG	VACUKLAV 30B	58512	GU01ME	4
MELAG	VACUKLAV 30B+	58512	GU01ME	4
MELAG	VACUKLAV 31B+	58512	GU01ME	4
MELAG	VACUQUICK 13B	47540	GU49ME	4
MELAG	VACUQUICK 14B	47540	GU49ME	4
MIDMARK	B18	000024	GU04MN	5
MIDMARK	B23	000024	GU04MN	5
MOCOM	MILLENNIUM B	00409	GU10CF	7
MOCOM	MILLENNIUM B+	00409	GU10CF	7
MOCOM	MILLENNIUM B2	00409	GU10CF	7
MOCOM	EXACTA S	00409	GU10CF	7
MOCOM	EXACTA S2	00409	GU10CF	7
MOCOM	MILLENNIUM CLASSIC	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
MOCOM	MILLENNIUM FUTURA B17	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
MOCOM	MILLENNIUM FUTURA B22	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
MOCOM	EXACTA S	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
MOCOM	B28 NEW	97467471	GU27CF	7
NEWMED	KRONOS 18L	5159	GU04MN	5
NEWMED	KRONOS 23L	5159	GU04MN	5
NSK	DXP DOMINA	021206	GU08NS	5
RUNYES	SEA18L LCD	7502990061	GU07RW	6
RUNYES	SEA23L LCD	7502990061	GU07RW	6
RUNYES	SEA12L	7502990008	GU0712RW	6
SCICAN	BRAVO 17/V	48000050000	GU10CF	7
SCICAN	BRAVO 21V	48000050000	GU10CF	7
SCICAN	BRAVO G4 17L	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
SCICAN	BRAVO G4 22L	97400266 (EX 97400145 -EX 97400258)	GU11CF	7
SCICAN	BRAVO 4G 28L	97467176	GU27CF	7
SCICAN	STATIM 5000	01-101649S	GU39SC	8
SCICAN	STATIM 5000S	01-101649S	GU39SC	8
SCICAN	STATIM 5000 G4	01-101649S	GU39SC	8
SCICAN	STATIM 5000 ENDO	01-101649S	GU39SC	8
SIRONA	17L	58512	GU01ME	4
SIRONA	SIROCLAVE B	6581768	GU08NS	5
TECNOGAZ	EUROPA B/EVO	N-DANA038	GU33TC	8
TECNOGAZ	ONYX B	N-DANA038	GU33TC	8
TECNOGAZ	ANDROMEDA 21L	N-DANA038	GU33TC	8
TUTTNAUER	2340 EV RED	02610118	GU41TU	9
TUTTNAUER	3870E	02610019 GRAY	GU42TU	9
TUTTNAUER	3870EA	02610019 GRAY	GU42TU	9
TUTTNAUER	3870EHS	02610019 GRAY	GU42TU	9
TUTTNAUER	3870M	02610019 GRAY	GU42TU	9
TUTTNAUER	3850E GRAY	02610019 GRAY	GU42TU	9
TUTTNAUER	3850M GRAY	02610019 GRAY	GU42TU	9
TUTTNAUER	3870ELV-WR-D BLUE	02610019 BLUE	GU43TU	9
W&H	LISA MB17	F460503X	GU02WH	10
W&H	LISA MB22	F460503X	GU02WH	10

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W&H	LISA V131-17	F460504X	GU32WH	10
W&H	LISA V131-22	F460504X	GU32WH	10
W&H	LISA 300	F460504X	GU32WH	10
W&H	LISA 500	F460504X	GU32WH	10
W&H	LISA FAST	F460504X	GU32WH	10
W&H	LARA RIL-117	F460504X	GU32WH	10
W&H	LARA RIL-122	F460504X	GU32WH	10
W&H	LINA 17	F460504X	GU32WH	10
W&H	LINA 22	F460504X	GU32WH	10
W&H	LYLA 17	F460504X	GU32WH	10
W&H	LYLA 22	F460504X	GU32WH	10
WOSON	18L	N/A	GU07RW	6
WOSON	23L	N/A	GU07RW	6
WOSON	TANCO 12L	106644 (THICKNESS 11 MM)	GU0712RW	6
YESON	17L	N/A	GU07RW	6
YESON	23L	N/A	GU07RW	6

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