

WELCOME AT





OVERVIEW

1

78 years of expertise in elastomer compound and rubber components



The trust of international blue-chip companies :
Stellantis,
Renault Nissan,
Schneider,
Bosch, Nexans,...



8
Production sites
over
4 continents
to address all its markets everywhere



4
business units:
Auto,
Compound
industry
& soles



500+
Employees
worldwide



Key values :
Indépendance,
Voluntarism,
Commitment,
Sustainability &
Global/Local
balance

Sustainability at the heart of SACRED projects & objectives



2023 Sales Revenues :
67.4M€



100+ injection
presses &
5 compounds
lines
worldwide



Elastomer specialist for both compound and technical parts

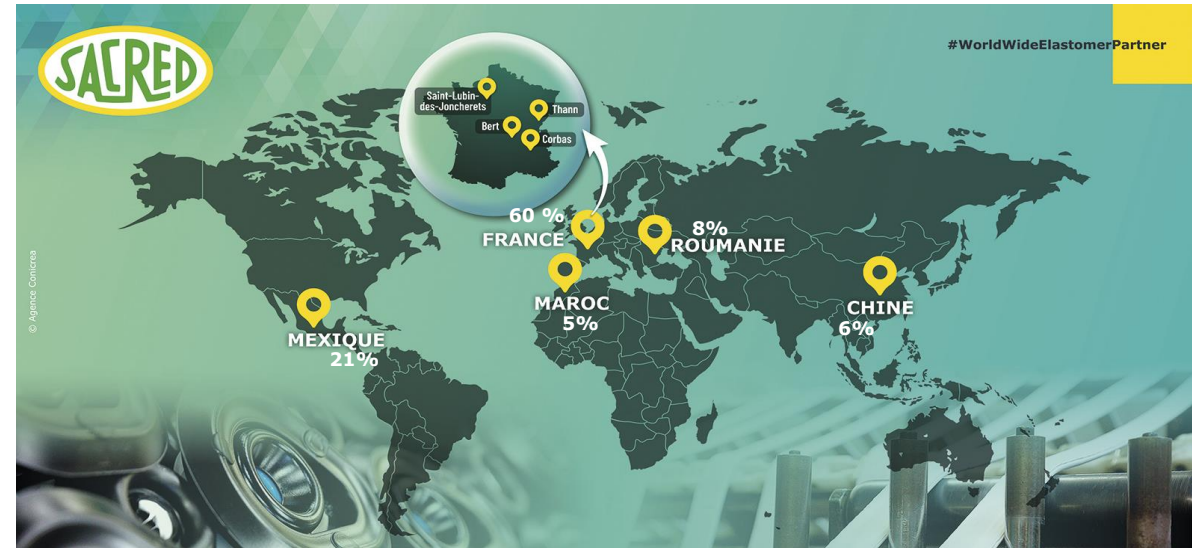
- **French leading independent medium-sized company**
- **Technical rubber parts and compounds**
- Activity diversity through **4 Business Units** in **8 plants** over **4 continents**
- More than **100 injections molding machines** and **5 compounding lines**
- **Core values: Innovation, quality, and Sustainability commitments at the heart of SACRED Culture**

Diversification through 4 Business Units

Sales 2023 : 67.4 M€

	AUTOMOTIVE 40.5 M€ 60 %	COMPOUND 19.7 M€ 29 %	INDUSTRY 6.2 M€ 9 %	SOLES 1.0 M€ 2 %
EMEA	23.3 M€	18.8 M€	6.0 M€	1.0 M€
ASIA	4,3 M€		0,2 M€	
NAFTA	12.9 M€	0.9 M€		

International footprint for global presence



Excellence towards Sustainability



4 Business Units to cover the most demanding functional specifications

1 Automotive

- 80 years of expertise in the automotive industry,
- Wide range of technical products meeting mechanical and architectural specifications
- Customers: OEM & Tier 1

2023 Sales	% Total Sales	23/19 Evol.
40.5M€	60%	+40%



2 Compound

- Large expertise in the formulation of compounds.
- SACRED formulates, validates and monitors the production of tailor-made compounds
- High standard elastomers for all kind of standards.

2023 Sales	% Total Sales	23/19 Evol.
19.7M €	29%	+20%



4 Soles

- Part of SACRED Group since 2009.
- Quick sales growth
- Development through own laboratory
- Part of the French Fab

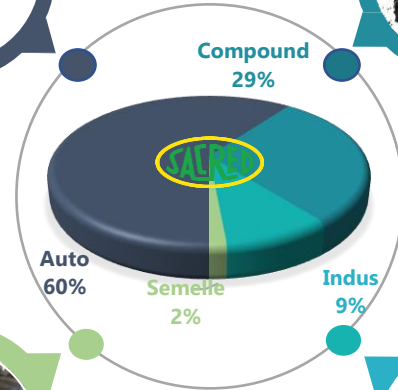
2023 Sales	% Total Sales	23/19 Evol.
1.0M €	2%	+250%

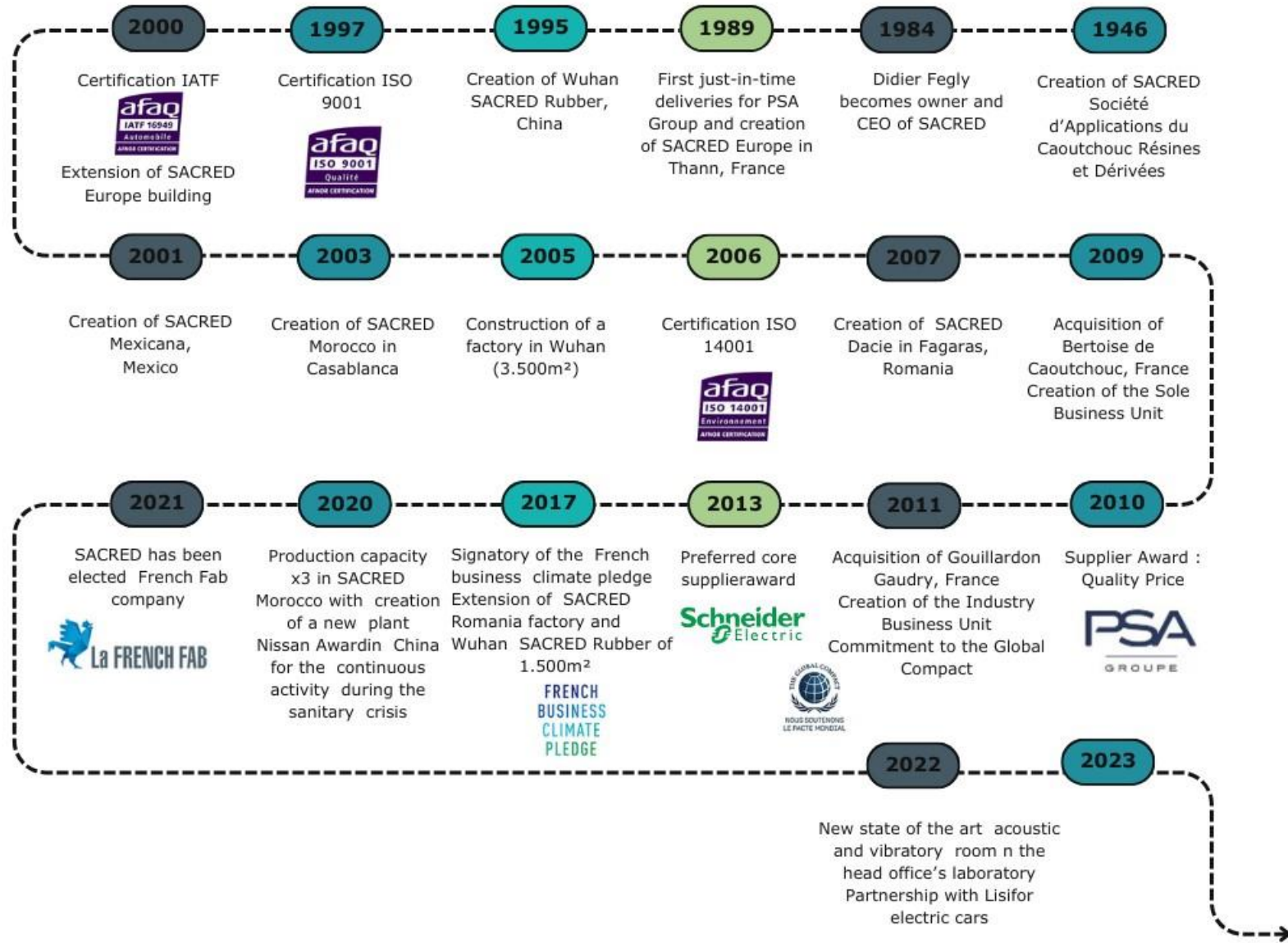
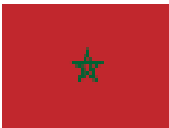
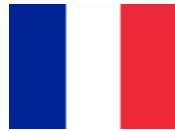


3 Industry

- Technical rubber parts for various industries: energy, heavy goods, agricultural, food, sportswear, cosmetic and medical industry

















2023 Sales	% Total Sales	23/22 Evol.
6.2M€	9%	+20%





8 PLANTS OVER THE WORLD TO BE CLOSER TO OUR CUSTOMERS



	 SACRED S.A.	 SACRED Europe	 Gouillardon-Gaudry	 SACRED Bertoise de Caoutchouc	 SACRED Mexicana	 Wuhan SACRED Ruber	 SACRED Maroc	 SACRED Dacie	Total
Localisation									
Starting date	1946	1989	2011	2009	2001	1995	2003	2007	
2023 Sales (% total)	29%	12%	6%	13%	21%	6%	6%	7%	67.4M€
FTE's (% total)	31%	11%	5%	10%	26%	6%	11%	N/A	500
Automotive	X	X	X		X	X	X	X	40.5M€
Compound	X			X	X				19.7M€
Industry	X	X	X			X		X	6.2M€
Soles				X					1.0M€



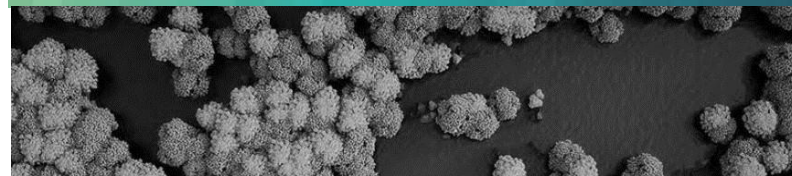
Voluntarism

- Positive attitude
- Fighting spirit
- Facing challenges together



Sustainability

- CSR in R&D and CAPEX
- Long-term vision
- Human is key in company development



01

Independence

- Self-financing company
- Ability to focus on mid & long-term actions

02



03

Commitment

- Say what we do & do what we say
- Mutual trust between the stakeholders
- Global result orientated

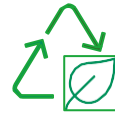
04



05

Balance Global Vs Local

- Global : 8 plants - 5 countries - 4 continents
- Local to better serve our customers
- An agile French company present wherever it is required



Energy consumption - Quality	High Shear mixing	3-in-1 seal	Vibro-acoustic
<ul style="list-style-type: none"> • SACRED worked on the reduction of energy consumption during molding operations and the improvement of the quality of the parts produced, focusing on the following points: <ul style="list-style-type: none"> → Reduction of heated masses → Targeting of heating zones → Modulation of thermal regulation Reduction of up to 10% for elastomer and up to 50% for composite, of heated masses depending on the geometry of the mold → Reduction of the production cycle time and, as a corollary, the reduction of energy consumption by 20% → 40% reduction in heat losses 	<ul style="list-style-type: none"> ▪ SACRED contributed to the creation of the technology High Shear Mixing (HSM) to devulcanize rubber waste in order to reintroduce it into the production line ▪ This patented process applies to any uncontaminated rubber production waste 	<ul style="list-style-type: none"> ▪ SACRED worked to develop better acoustic filtration and improve the torque transmitted by the steering column ▪ SACRED relied on its team of specialized engineers and technicians from their laboratory and R&D center ▪ They have also collaborated with public research organizations and specialized companies in the sector <ul style="list-style-type: none"> → Winning new markets on steal columns by differentiating their products from the current and future competition on technical and economic aspects 	<ul style="list-style-type: none"> ▪ Development of a model for predicting the vibro-acoustic properties of elastomeric products ▪ SACRED is working on new concepts for steering axis and rack joints, radiator studs, and shock absorber bellows ▪ To carry out their research, SACRED collaborated with the Center for Engineering in Advanced Surface Treatments and Coatings (CITRA) ▪ Similarly, they worked with the Laboratory for Research and Control of Rubber and Plastics (LRCCP) to carry out physico-chemical analyses of different plastic formulations



Compound

2



Overview of the BU « Compound »

- Development & manufacture of customer specific formulas
- Development & supply of ready-to-use compounds for all types of elastomers.
- Diversity management: each formula can contain up to more than 20 different ingredients.
- More than 300+ types of raw material in use.

Packages available :

- Continuous strips in 100 kg or 350 kg boxes
- 80x120 cm plates on non-returnable pallets
- Filtered compound in strips or granules
- Granules in bags or boxes
- Weight or size blanks, depending on clients' needs

Key figures



+20%
2019-23



7
Addressed
markets



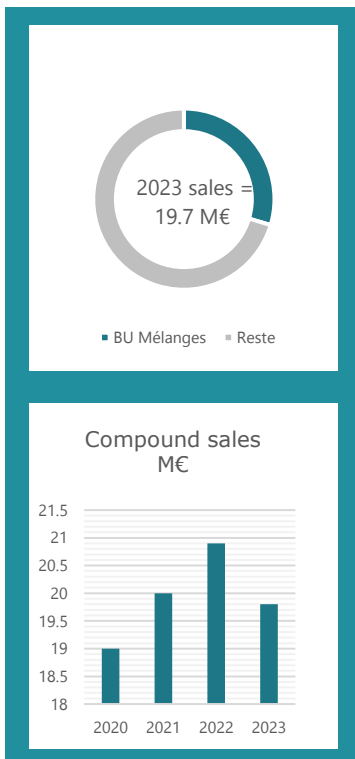
70+
Customers
in 2023



4,1M Kg
Compound
in 2023

Production sites

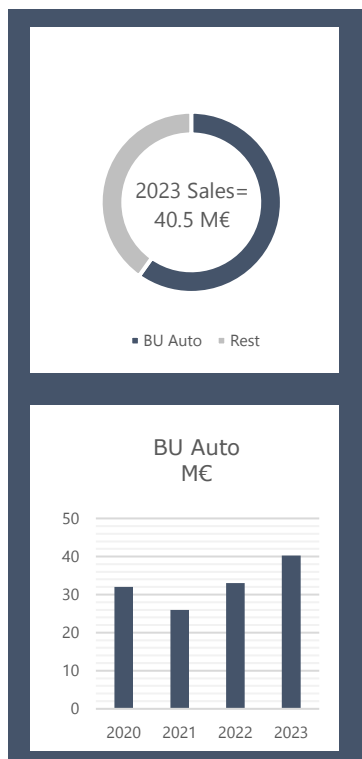
- 2x Lines pour black compounds 2 x 100 litres
- 3x Lines for coloured compounds 1 x 60 litres & 2 x 100 litres
- 4x External blenders
- 2x Continuous band printers
- 2x Low pressure extrusion line & granulation line
- 4x Band batch-off units for plates and scalloped trims





3

Technical Parts



Overview of the BU « Auto »

SACRED produces innovative solutions that meet the mechanical and architectural specifications and constraints of each customer as well as the most demanding functional specifications for acoustic, rotation torque, mounting forces and water-tightness

Benefits from an extensive expertise across the entire chain :

- Fabrication of the mold
- Formulation of its own elastomers In-house validation of prototypes
- Digital simulation using finite element analysis

Technical characteristics that the parts must meet :

- Elasticity
- Color
- Heat resistance
- Abrasion resistance among others

Key figures



+40%
Evolution
CA
2019-23



7% CA BU Auto
New orders in
2022

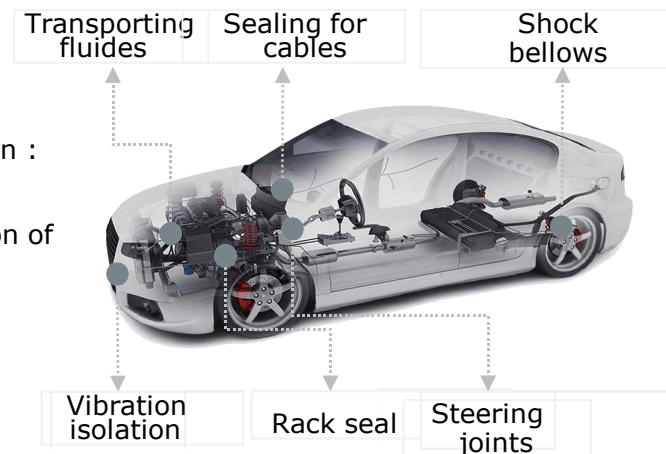


3 continents
For R&D






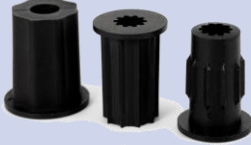


364
Produced P/Ns

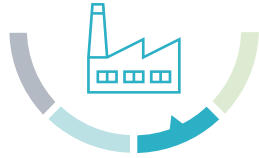
Manufactured products



Main customers

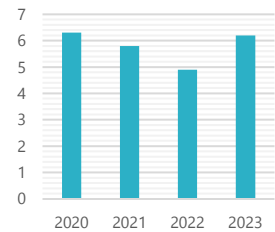


	Steering column	Fluids	Wire harness	Damping	Bellows	Others
Examples						
Features	<ul style="list-style-type: none"> Acoustic performance Sealing torque performance Optimization of sliding force Optimized assembly Sealing (resistance to water/wastes). 	PVC Nitril EPDM EPDM Low Swell NBR+PVC VAMAC (AEM) Others	<ul style="list-style-type: none"> Material development Otimzed CRD Optimized elongation Temperature resistance Sealing 	<ul style="list-style-type: none"> Functional analysis Finite Element Analysis (static et dynamic) Calibration of the material intrinsic performances Conception et specific development of materials that are compatible with the material admissible mode of resonance. 	Rubber and/or TPV-TPEE Injection or/and blow molding processes Development of specific materials	<ul style="list-style-type: none"> Développement Material development Otimzed CRD Optimized elongation Temperature resistance Improved sealing (water / air / dust) Process rubber + metal Rocess rubber *= plastics
Main customers	Bosch, GSS, JTEKT, Nexteer, Stellantis ThyssenKrupp, Willi Elbe, ZF	MAHLE, Mann+Hummel, Novares	Aptiv, Lear, Leoni, Sumitomo, Yazaki	Renault-Nissan, Steep Plastique	Stellantis, ThyssenKrupp	Kongsberg, Renault-Nissan, SNOB, Stellantis



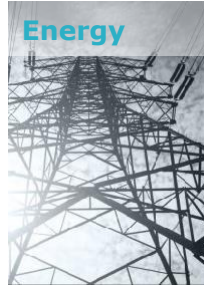
■ BU Industrie ■ Reste

CA BU Industrie M€



Overview of the Business Unit « Industry »

Energy



Electric sector : low, medium & high tension



Some of our customers :



Railway



Production of complex elements for glued or adhered parts



Some of our customers :



Heavy goods



Production of technical parts for industrial vehicles & buses (protection, damping, sealing, engine/gearbox support, ...)



Quelques-uns de nos clients :



Agricultural



Production of components for the agricultural machinery industry (tractors, trailers, sprayers...)



Some of our customers :



Anti-vibration assemblies to reduce or eliminate the transmission of vibrations and noise from mechanical systems.



Some of our customers :



Anti-vibration

Key figures



+15%
2022-23



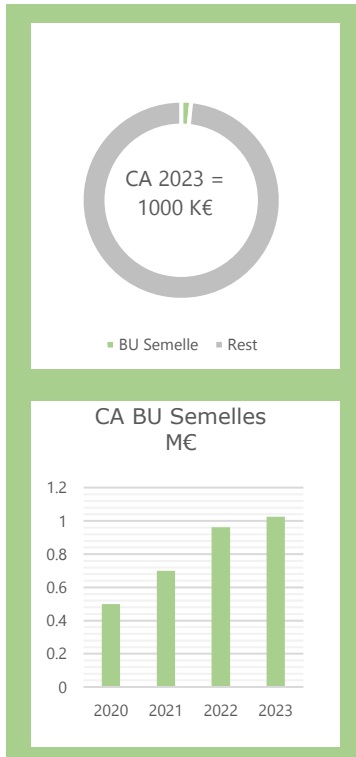
120+
customers in
2023



6
addressed
sectors



100%
2023 customer
satisfaction



Overview of the Business Unit « Shoe »

- Supplier of **the highly sophisticated luxury goods**, fashion and sports industries and other specialist market sectors such as safety shoes and military footwear
- Own laboratory with all équipements available** : rheometer and viscometer, abraser and repeated flexing test equipment, as well as elasticity and insulation measurement devices.

Our customers :



Key figures



+35%
2020-23
Sales



>200K
Soles
manufactured
in 2023



50+
Customers
in 2023



5
Partnerships
signed in
2022-2023



La FRENCH FAB

SACRED Portfolio



#2 La semelle d'usure Rangers



Collection 2023 de Semelle d'usure
SACRED & TANNGREEN®



#1 La semelle d'usure basket



Source: Management



Production Means

4

Elastomer injection

- Used for rubber or elastomer products
- Injection of liquid/molten elastomer material into a mold under high pressure, where it then solidifies and takes the shape of the mould
- Precise control over the shape and properties of the final product → allow to create complex rubber parts for a wide range of industries.



80

Injection presses

Compression

- Equipment to shape and to form materials, such as rubber, plastic, and composites, by applying heat and pressures of a part located in a mold.
- Machines mainly dedicated to soles



16

Compression presses

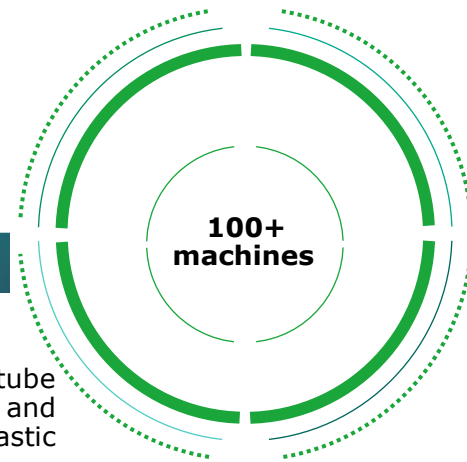
Extrusion blow molding

- Process to produce hollow plastic parts
- Hollow mandrel inserted into the centre of the tube + air blown into it, causing the tube to expand and conform to the shape of the mold. Once the plastic cools and solidifies, the mould is removed



6

Extrusion blow molding machines



Plastic-Rubber compound / Silicon Injection

- Injection of molten plastic / silicon into a metal mold



2

Molding machines silicone plastic



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THANK YOU

