

Company Presentation (updated: September 2025)

AUTOMOTIVE

- TECHNICAL **M**OULDED RUBBER **P**RODUCTS;
- EXPANDED RUBBER **M**ATS;
- LABORATORY **T**ESTS



Design & Manufacturing



SOGO
RUBBER TECHNICAL PRODUCTS



SOGOLAB
FREE TO SHAPE

— SINCE 1967 —



SOGO SpA Group is an Italian consolidated industrial reality,
Focused on the design, production and distribution of:



- **technical RUBBER components;**
- **EXPANDED RUBBER mats**

Mainly for the **AUTOMOTIVE**,
industrial and **railway** applications



- **development & production of RUBBER COMPOUNDS**
- **LABORATORY TESTS** on finished products

AUTOMOTIVE



RAILWAY



INDUSTRY



COMPOUNDS



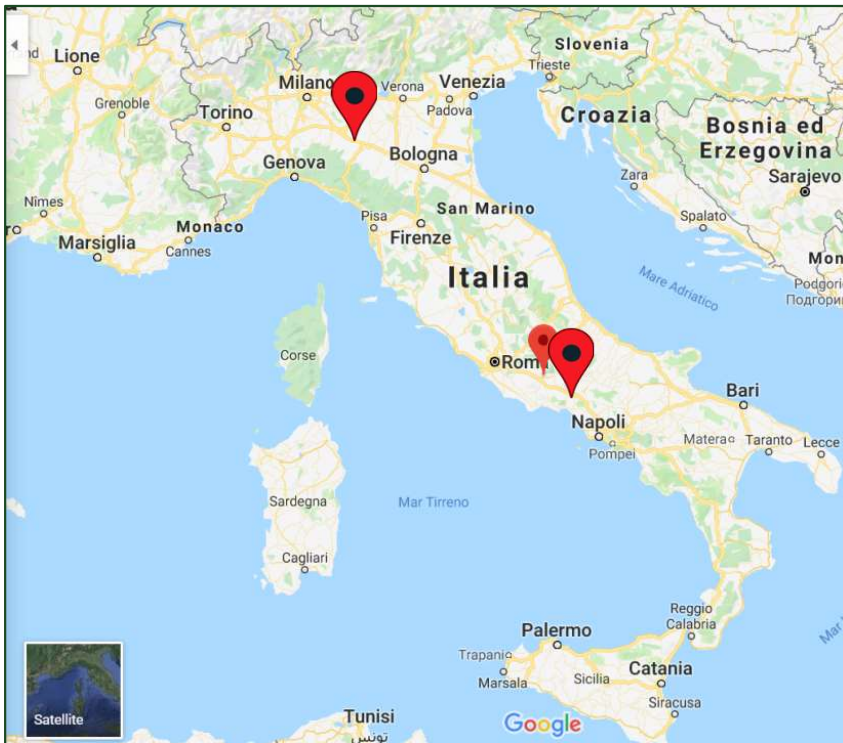
SOGO – Where We are



ITALY - Frosinone



SOGO SpA – with its HeadQuarter and its **Production Facility in Italy (Frosinone)** and a warehouse in Milano area - is expanding its presence **Worldwide** in order to further and better support the Customers' needs



The Production Plant has achieved all the **Certifications required** in order to supply **AUTOMOTIVE, Railway and Industry** applications



SOGO – Certificates



ISO 9001



IATF



ISO 14001

SOGO – Highlights



Founded in **1967** in Frosinone Italy, **SOGO SpA** Italian production plant covers more than **25.000 square/meters** with a production capacity over **9.000 tons/year** and more than **1.500 compounds formulations**.

— SINCE 1967 —

www.sogo.it

SOGO
S.p.A

SOGO S.P.A.
INDUSTRIA ARTICOLI TECNICI IN GOMMA

SOGO[®] s.p.a.
ARTICOLI TECNICI IN GOMMA

 **SOGO**
RUBBER TECHNICAL PRODUCTS

 **SOGOLAB**
FREE TO SHAPE

1967

1998

2006

2017

SOGO – Renovation Plant (finished in September 2019)





SOGO LAB

FREE TO SHAPE

In **2016** «**SOGO-LAB**» was born, thanks to important investments in lab-instruments, technologies and highly specialized personnel; with the aim of supporting customers in the **design**, **co-design** and in the **testing** phases

CONCEPT
DESIGN

CO-DESIGN

ENGINEERING

LAB
SIMULATIONS

PROTOTYPING

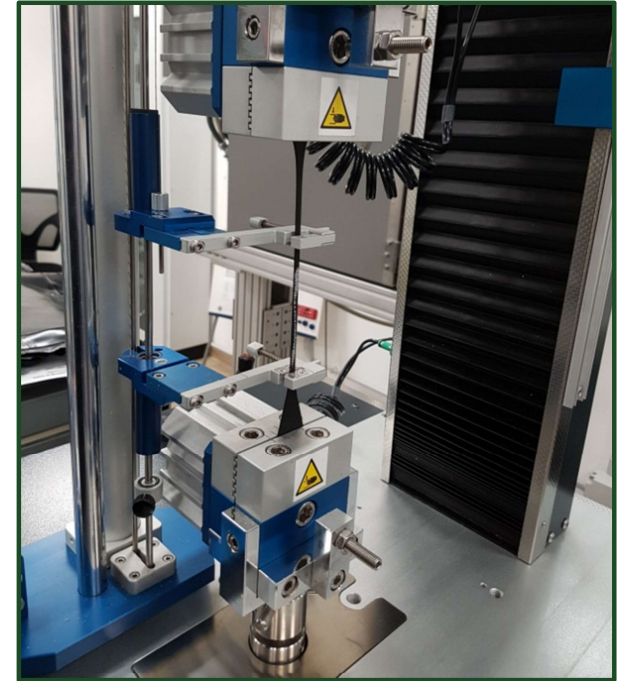
TESTING



NEW LAB TOOLS

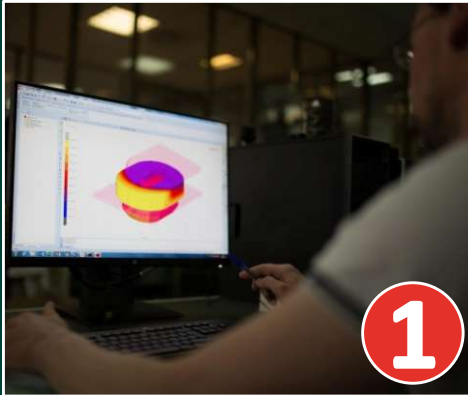
Dynamometer, **ShoreA Durometer**, Rheometer, **Thickness Gauges**, Calipers, **Micrometers**, Profile Projector, **Compression Set**, Impact Tester, **Flammability Tester**, Ozone Tester, **Ovens**, Theraometer, **Mooney**, Laboratory Samples Press, IRHD, Densimeter, **Abrader**, 3D Measuring System, **Climatic Chamber**, MTS with climatic chamber, **Design Tools**

SOGO-Lab – New Laboratory



What do we do?

CO-DESIGN



COMPOUND



RAPID AND STANDARD PROTOTYPE



MOULDED RUBBER



CO-MOULDING



EXPANDED EPDM & NEOPRENE



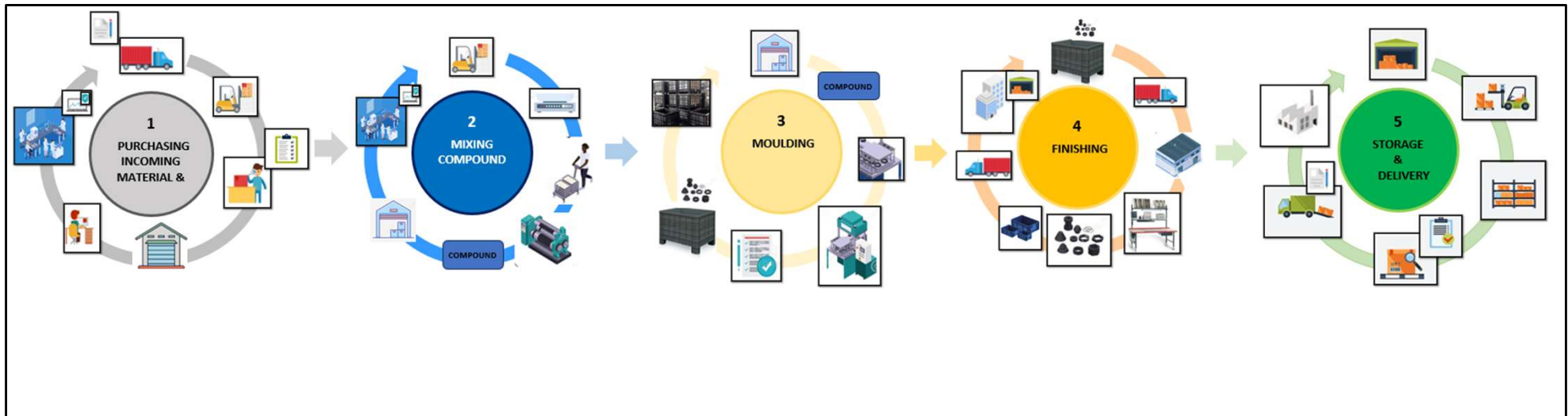
ASSEMBLYING

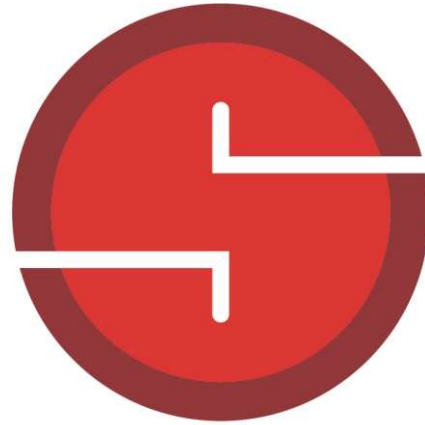


LAB TESTS



How do we do? Flow process diagram





SOGOLAB

FREE TO SHAPE

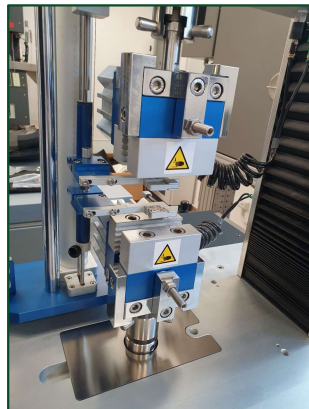
— SINCE 1967 —

RHEOLOGICAL TESTS

- Mooney viscosity
- **Rheology testing (MDR)**

MATERIALS CHARACTERIZATION

- FT-IR Spectrometer
- **Thermogravimetric analysis (TGA)**
- Differential Scanning Calorimetry

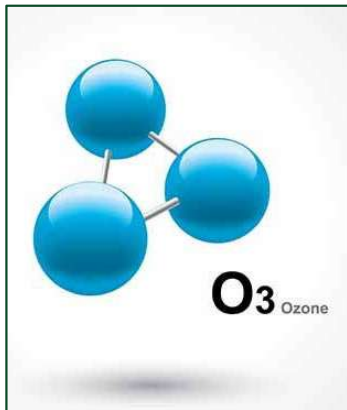


PHYSICAL-MECHANICAL TESTS

- Determination of ShA Hardness
- **Determination of IRHD and mIRHD Hardness**
- Determination of Electrical Resistance
- **Traction and compression dynamometric test**
- Determination Compression Static Hysteresis
- **Tear test**
- Compression Set Under Load
- **Compression Set under Deformation**
- Determination of Density
- **Determination of humidity**

ACCELERATED AGING TESTS

- Determination of Ozone Resistance
- **Aging tests in air oven up to 200°**
- Aging tests in fluids up to 200°
- **Water absorption tests**



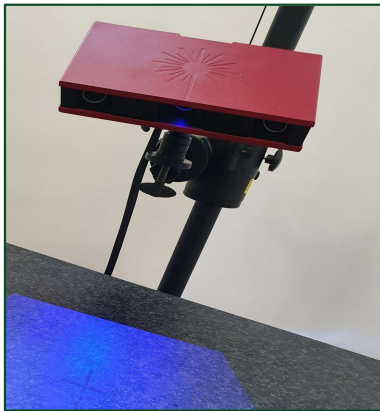
CHECKS ON ELASTIC CHARACTERISTICS

- Determination of Static Stiffness on Finished Component
- **Determination of Dynamic Stiffness on Finished Component (0÷200 Hz)**
- Determination of Fatigue Strength on Finished Component at:
 - T.A.
 - +250°c in Climatic Room
 - -40°c in Climatic Room



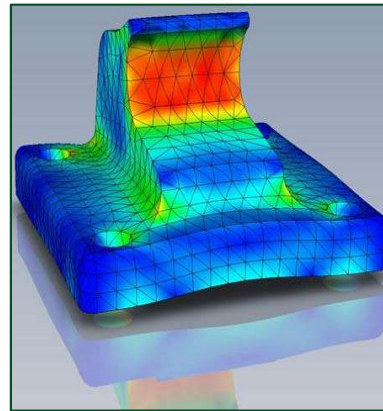
DIMENSIONAL CHECKS

- **Dimensional checks with Optical Meter 3D Core Essential GOM**



FURTHER SERVICES

- Finite Element Analysis
- **Prediction Life**
- Flow Analysis (Mold Flow Simulations)
- **New Compounds research and Industrialization**
- Specimen molding
- **Processing of samples on Finished Component with Splitting Machine**





RUBBER

EXPANDED RUBBER

CO-MOULDED



MOULDED RUBBER



EXPANDED MATERIAL

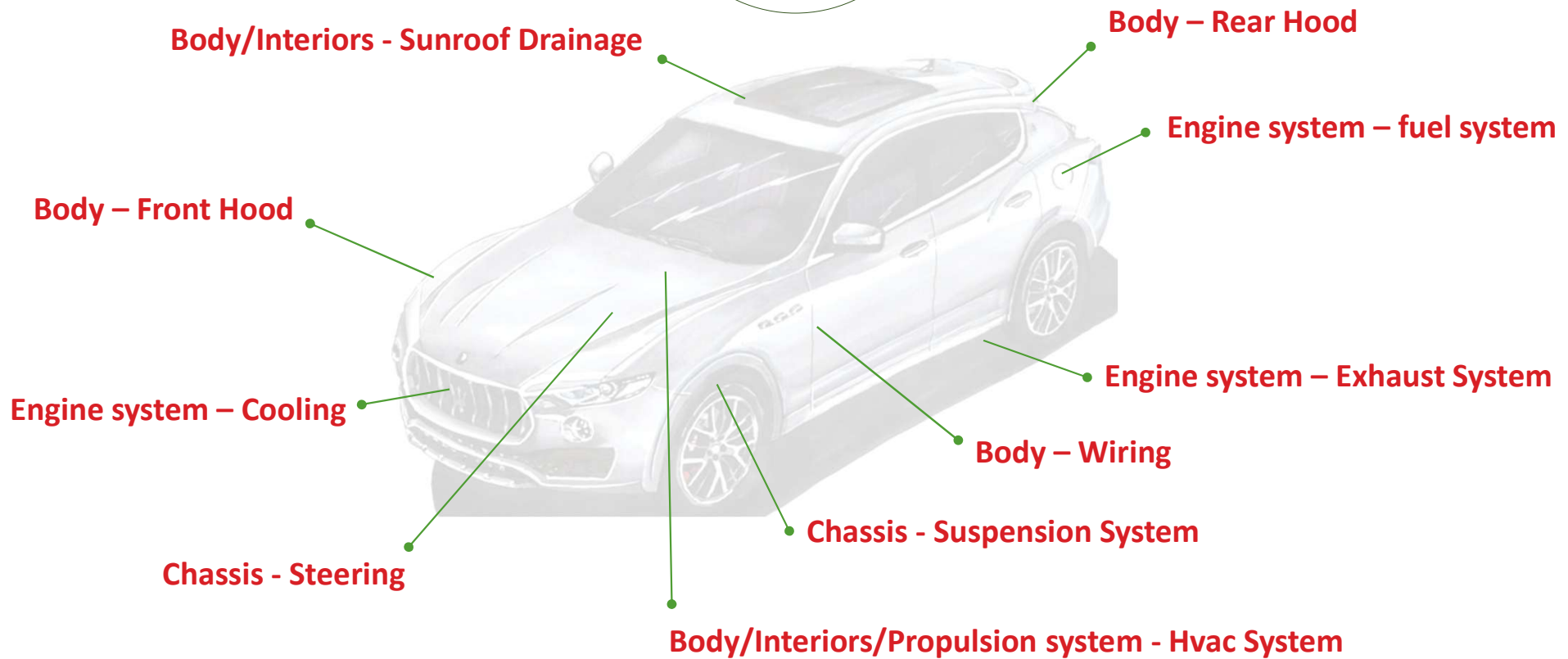


CO-MOULDED



PROTOTYPES





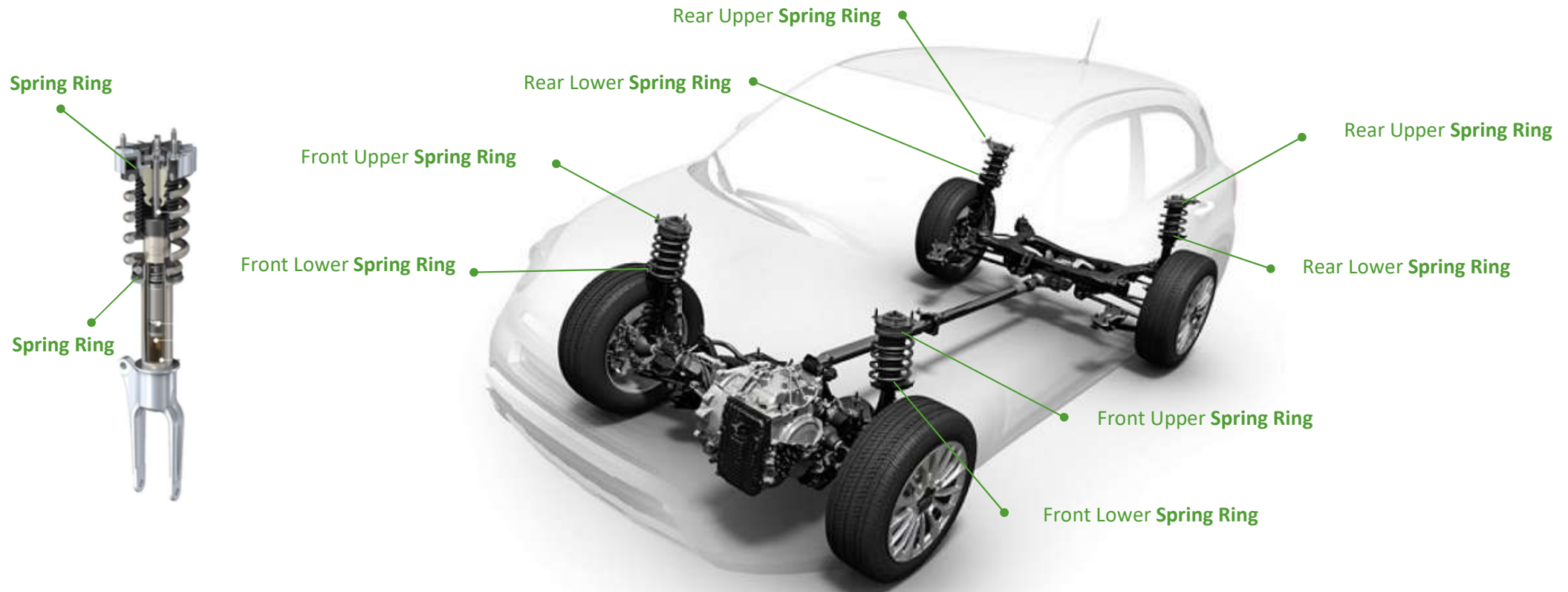
CHASSIS – Vibration Dampings for Suspension System



- **Category: Rubber**
- Material: NR/SBR 50÷80 ShA
- Technology: Injection Molding



- **Category: rubber bonded to plastic insert**
- Material: NR/SBR 80 ShA + PA66 GF35
- Technology: Injection Molding



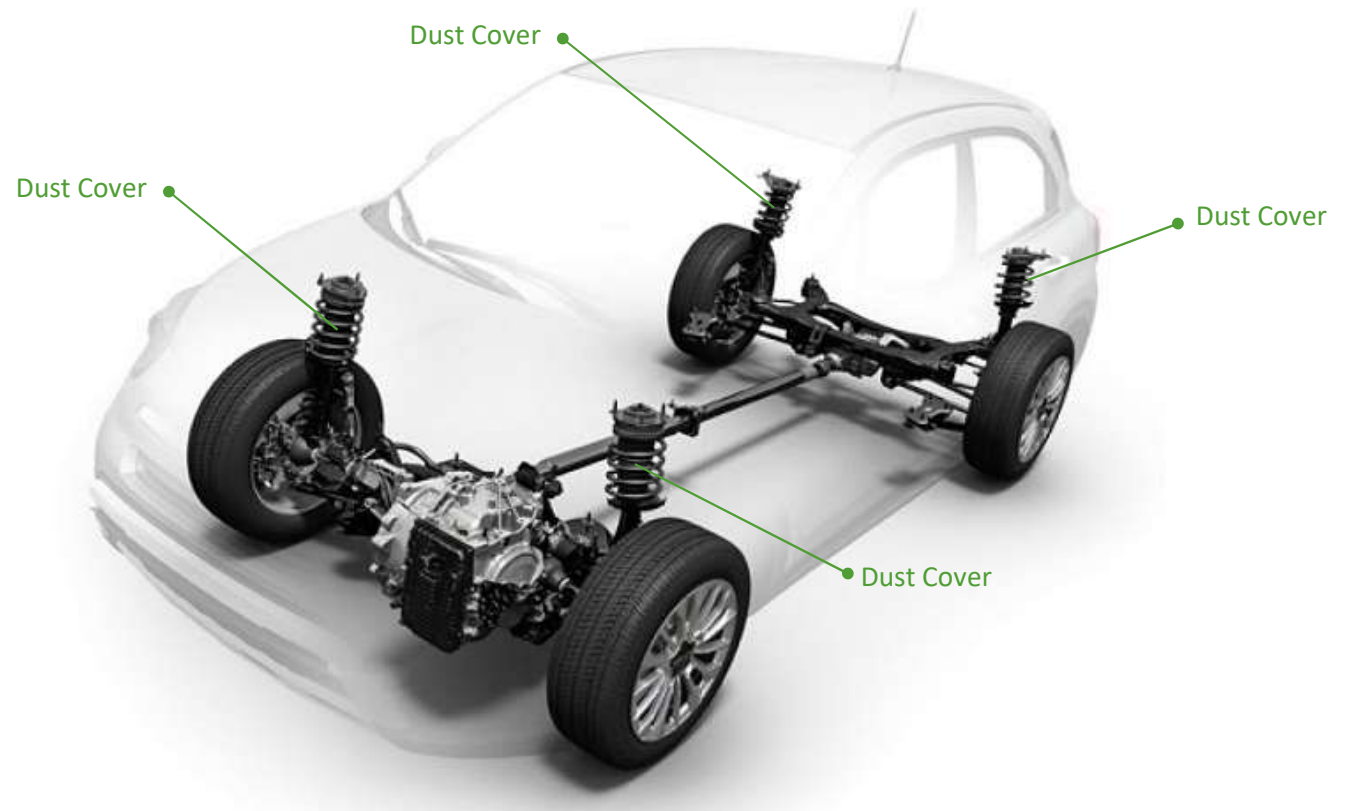
CHASSIS - Suspension System Bellows Dust Cover



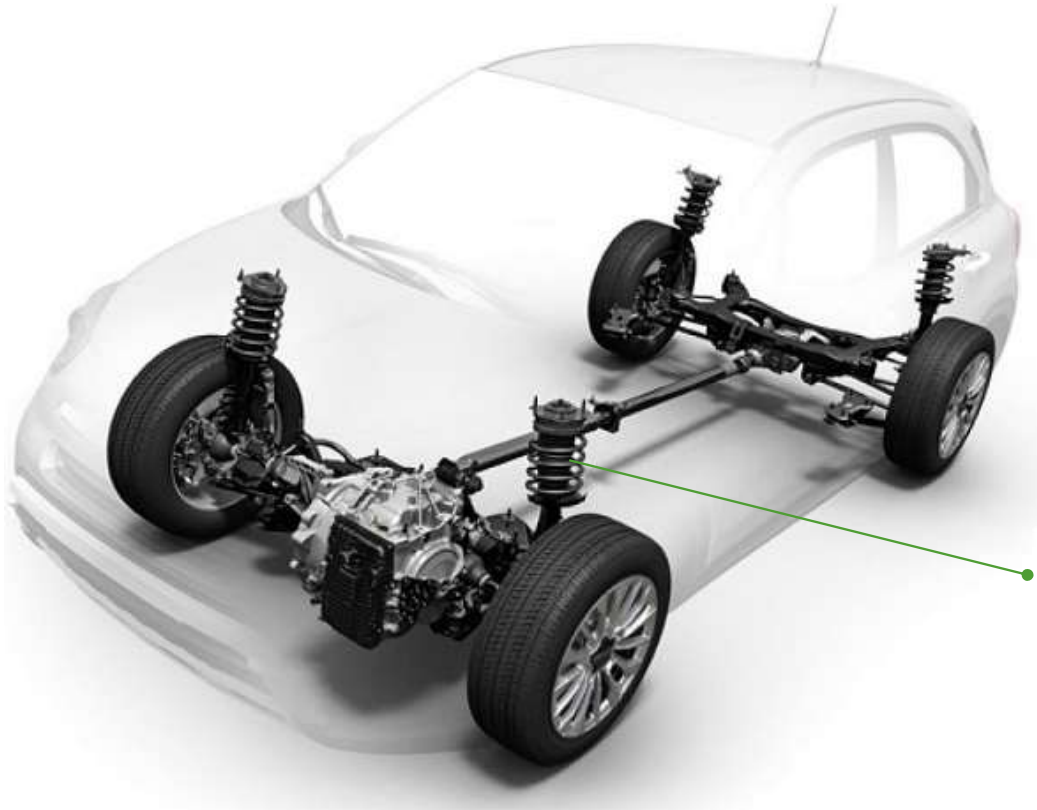
- **Category: Rubber**
- Material: EPDM 60÷70 ShA
- Technology: Injection Molding



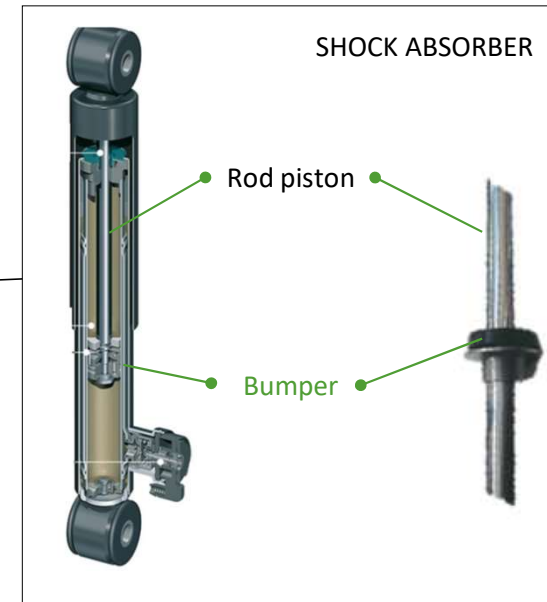
Dust Cover



CHASSIS – Bumper for Suspension System (rebound stop)



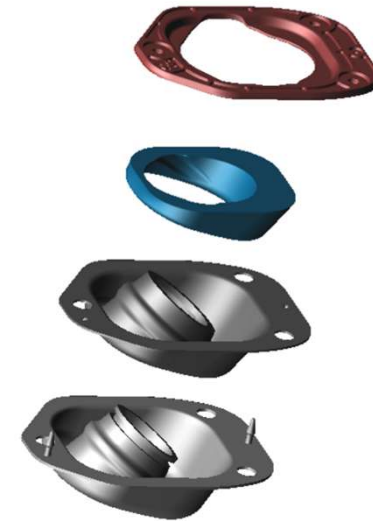
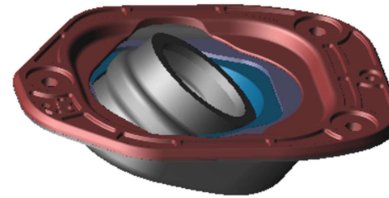
- **Category: Rubber**
- Material: HNBR 80 ShA
- Technology: Injection Molding



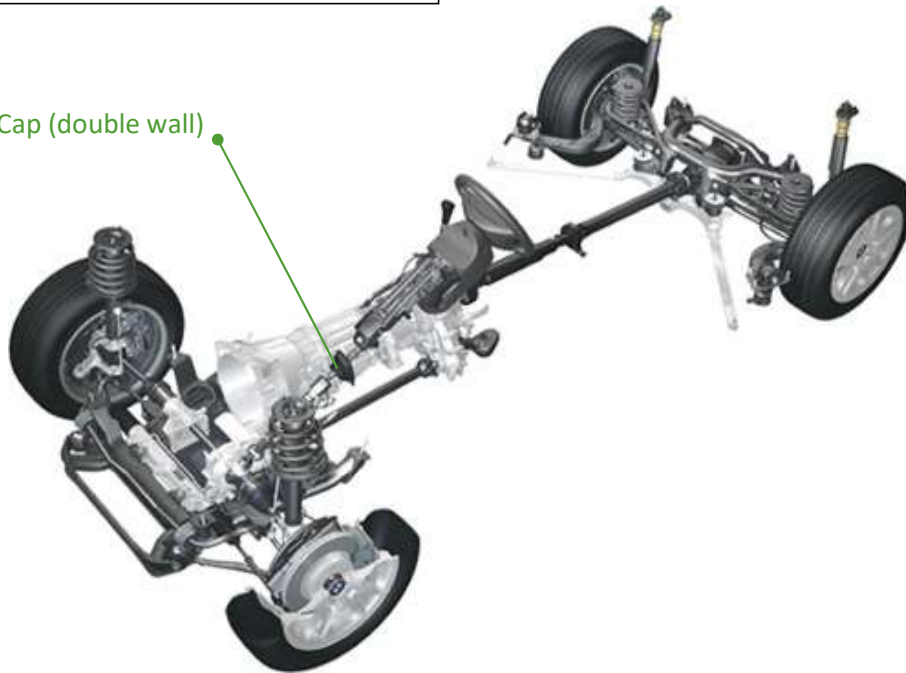
CHASSIS – Insulator Cap Steering Column (anti noise gasket)



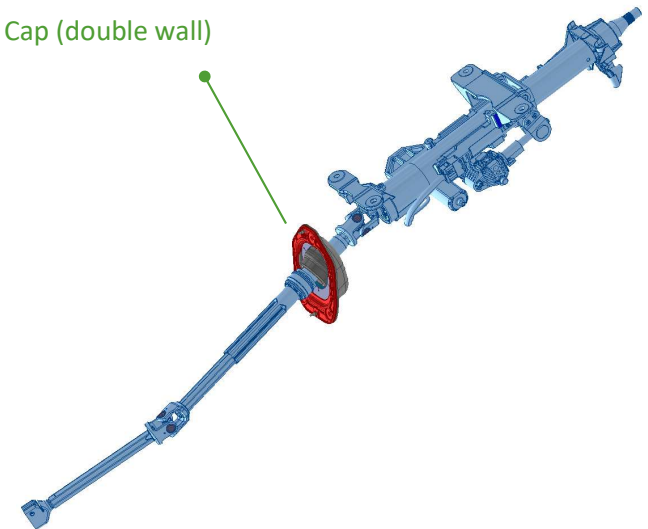
- **Category:** rubber assembled to plastic insert
- **Material:** EPDM 45 ShA + PP + PULER (if required)
- **Technology:** Injection Molding



Insulator Cap (double wall)



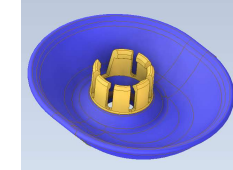
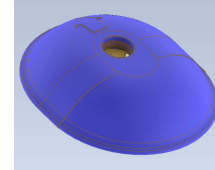
Insulator Cap (double wall)



CHASSIS – Sealing Cap Steering Column



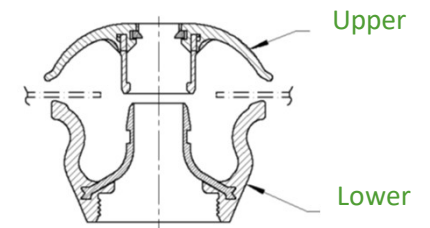
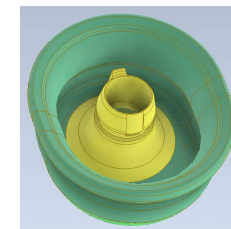
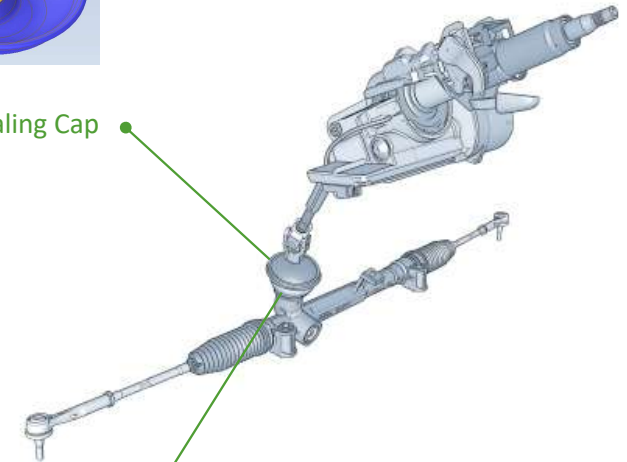
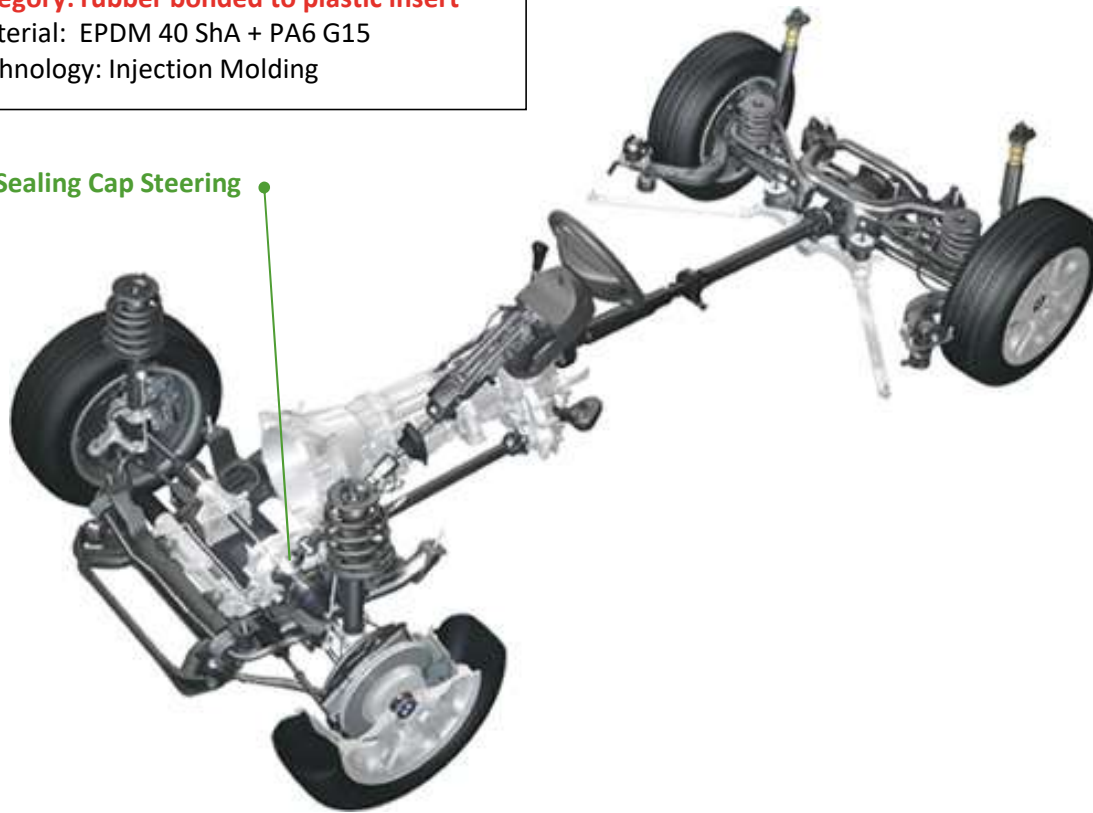
- **Category:** rubber bonded to plastic insert
- **Material:** EPDM 40 ShA + PA6 G15
- **Technology:** Injection Molding



Upper Sealing Cap

Lower Sealing Cap

Sealing Cap Steering



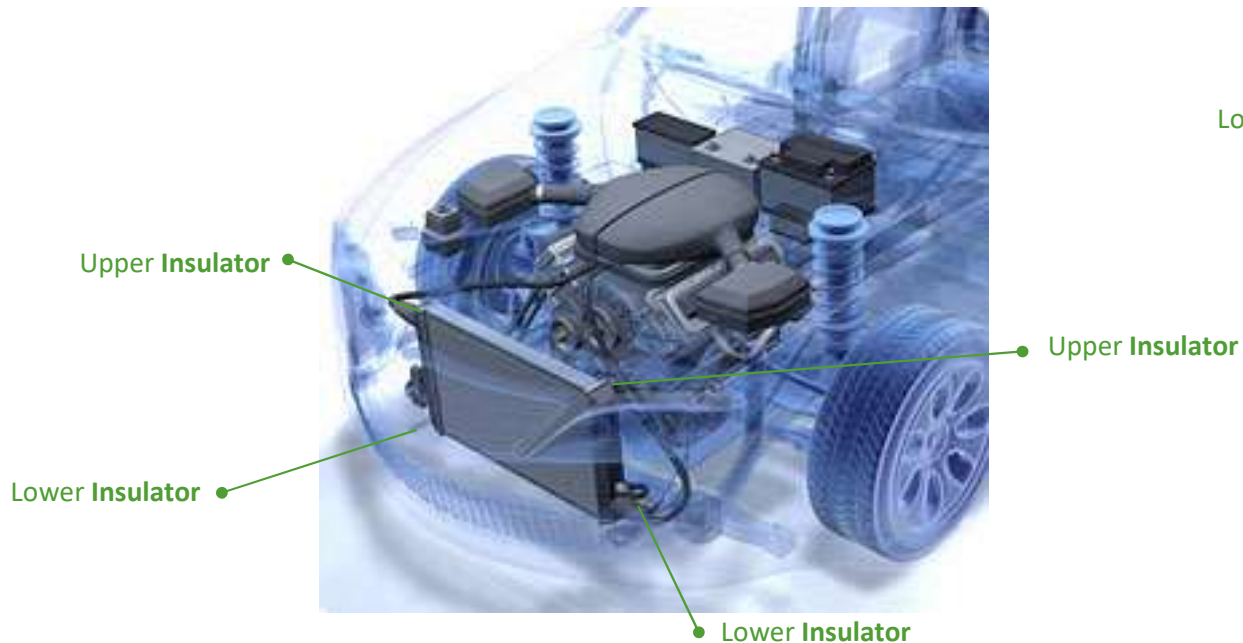
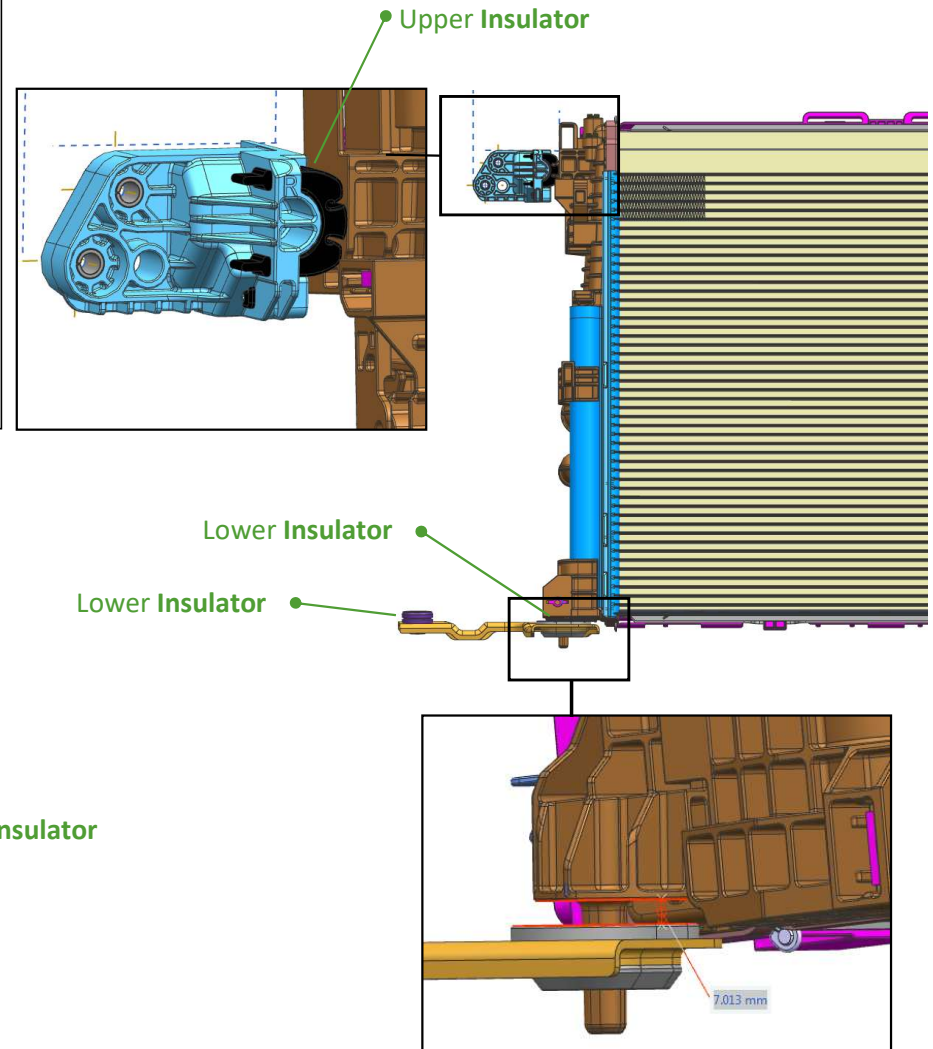
ENGINE SYSTEM – Cooling System Insulator (radiator support)



- **Category: Rubber**
- Material: EPDM 37÷60 ShA
- Technology: Injection Molding

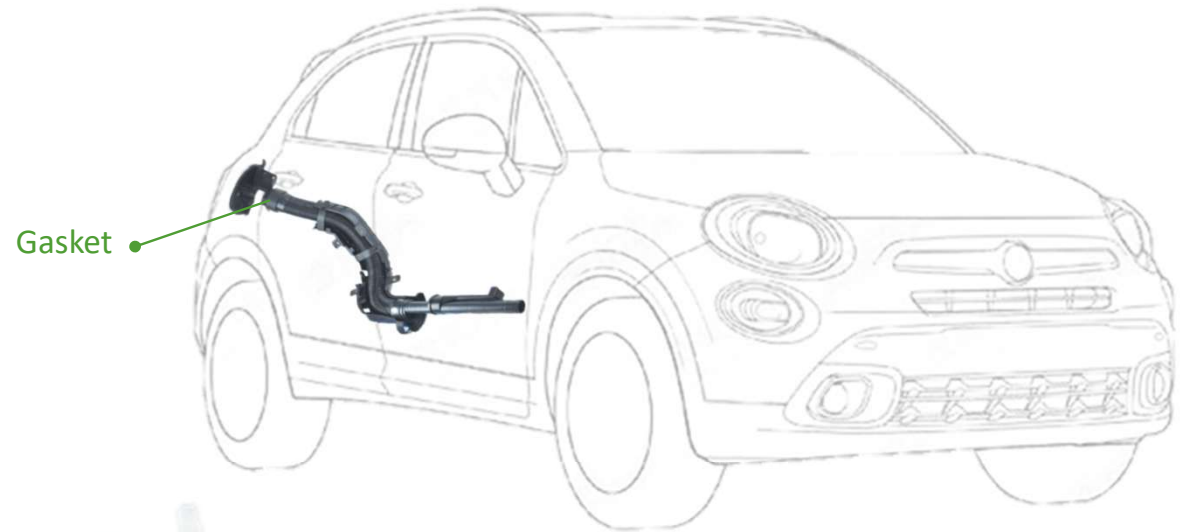


- **Category: : Rubber bonded to plastic insert**
- Material: EPDM perox 57 ShA + PA 66 GF30
- Technology: Injection Molding





- **Category: Rubber**
- Material: FKM 50÷60 ShA
- Material: NBR 50÷60 ShA
- Material: HNBR 60 ShA
- Technology: Injection Molding





- **Category: Rubber**
- Material: NR 50÷60 ShA
- Material: EPDM 50÷60 ShA
- Material: VMQ 60 ShA
- Technology: Injection Molding



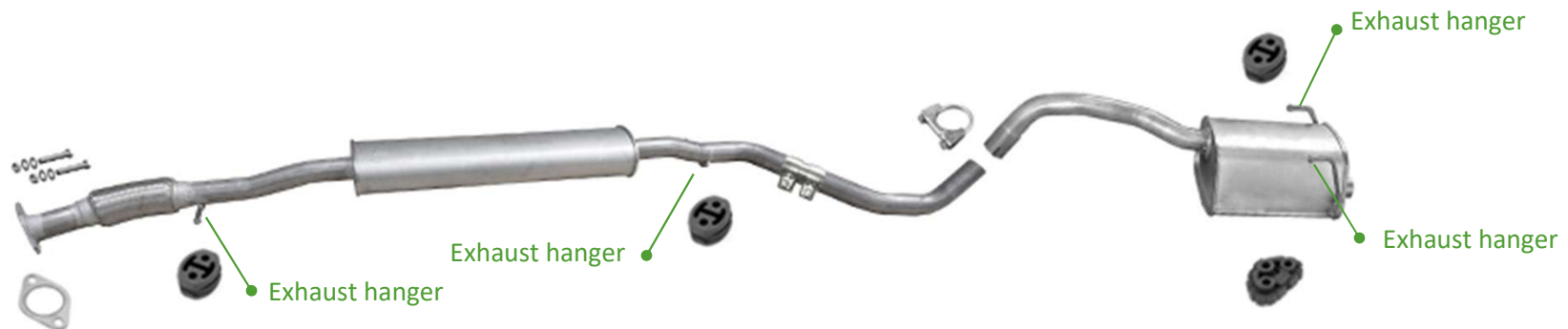
- **Category: Rubber assembled to polyester**
- Material: NR 50÷60 ShA
- Material: EPDM 50÷60 ShA
- Material: VMQ 60 ShA
- Technology: Injection Molding



- **Category: Rubber bonded to polyester**
- Material: NR 50÷60 ShA
- Material: VMQ 60 ShA
- Technology: Injection Molding

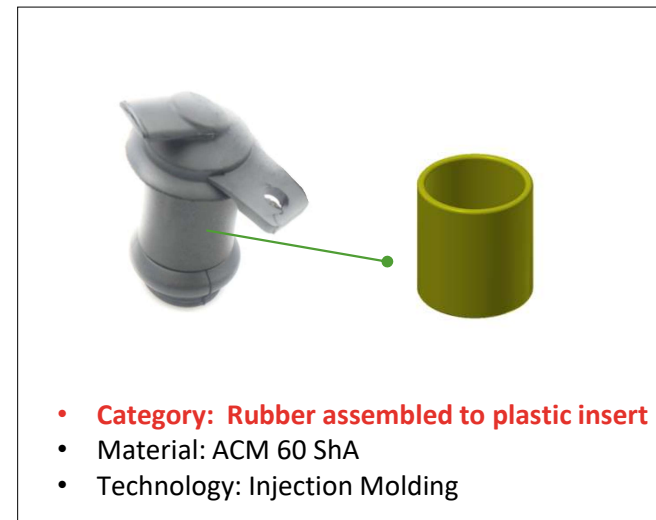


- **Category: Rubber bonded to metal insert**
- Material: NR 50÷60 ShA
- Technology: Injection Molding



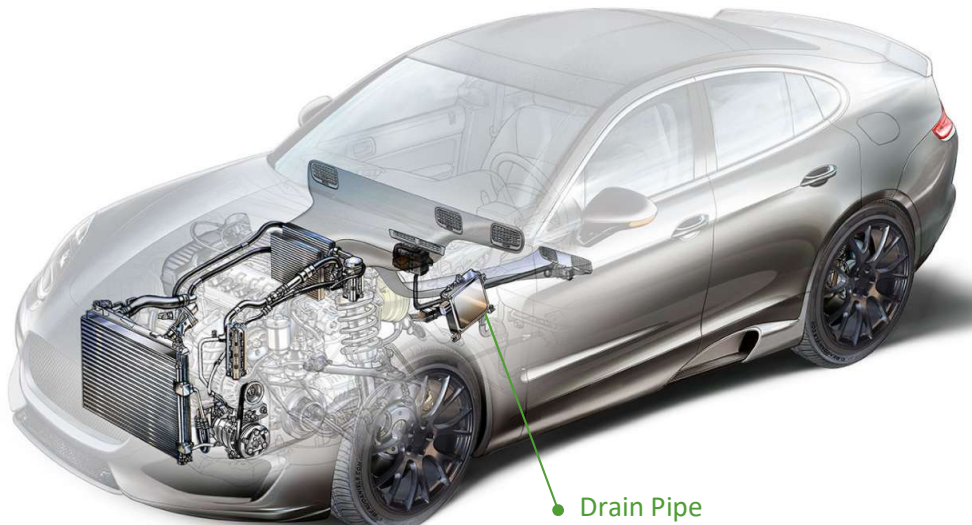


- **Category: Rubber**
- Material: EPDM 60 ShA
- Technology: Injection Molding

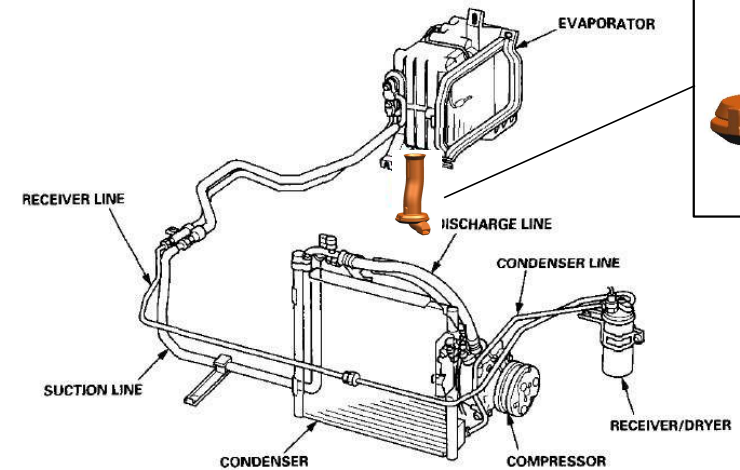


- **Category: Rubber assembled to plastic insert**
- Material: ACM 60 ShA
- Technology: Injection Molding

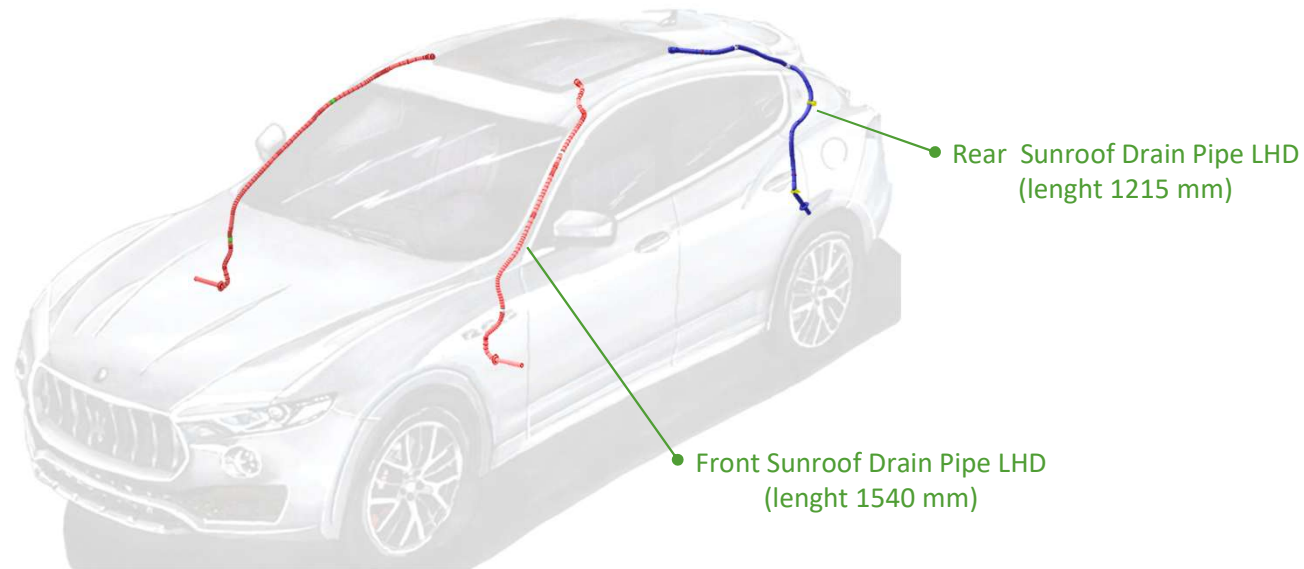
HVAC System



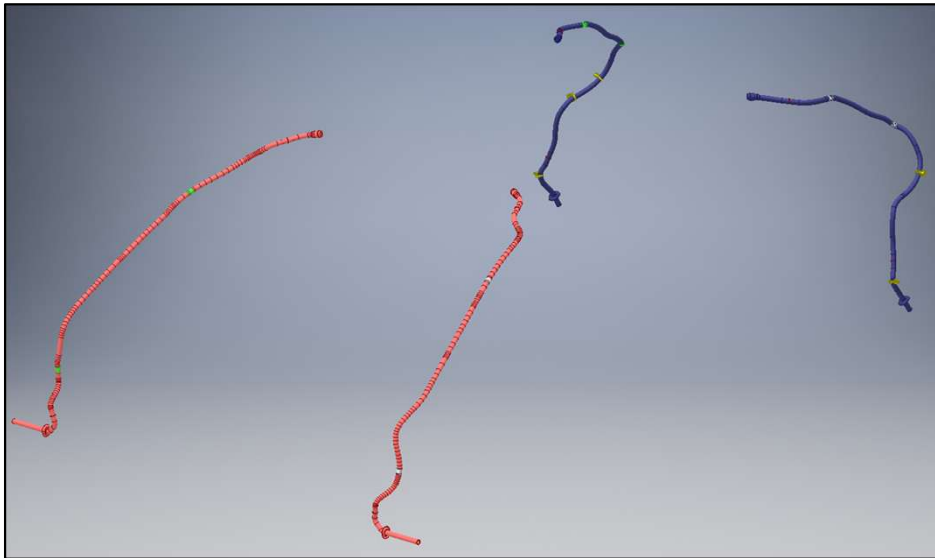
Drain Pipe



BODY/INTERIORS - Sunroof Drainage – Water Drain Pipes and Fittings



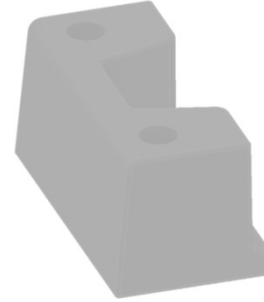
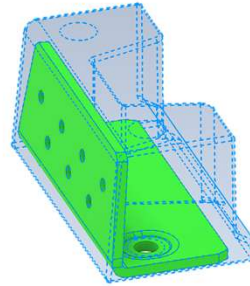
- **Category:** Rubber assembled to plastic insert
- **Material:** EPDM 50÷60 ShA
- **Technology:** Injection Molding



BODY – Door Bumper Stop



- **Category:** Rubber bonded to metal insert
- **Material:** Butyl 60 ShA
- **Technology:** Injection Molding



- **Category:** Rubber
- **Material:** EPDM
- **Technology:** Injection Molding



Stellantis Project: X250 (Ducato)

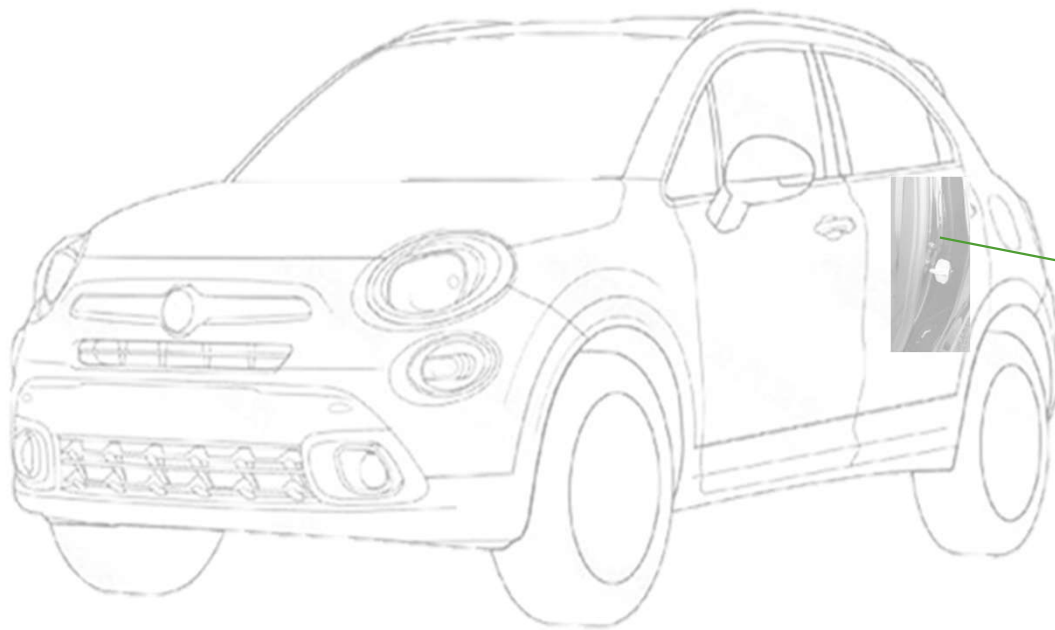
Door Bumper



BODY – Door Bumper with/without Adhesive Layer



- **Category:** Rubber bonded to Acrylic Foam Tape
- **Material:** EPDM 50÷60 ShA
- **Technology:** Injection Molding



Door Bumper



BODY – Front/Rear Hood – Fix Hood Stop



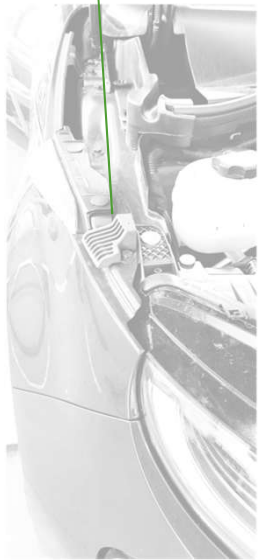
- **Category:** Rubber bonded to Acrylic Foam Tape
- **Material:** EPDM 60 ShA
- **Technology:** Injection Molding



- **Category:** Rubber
- **Material:** EPDM 60÷80 ShA
- **Technology:** Injection Molding

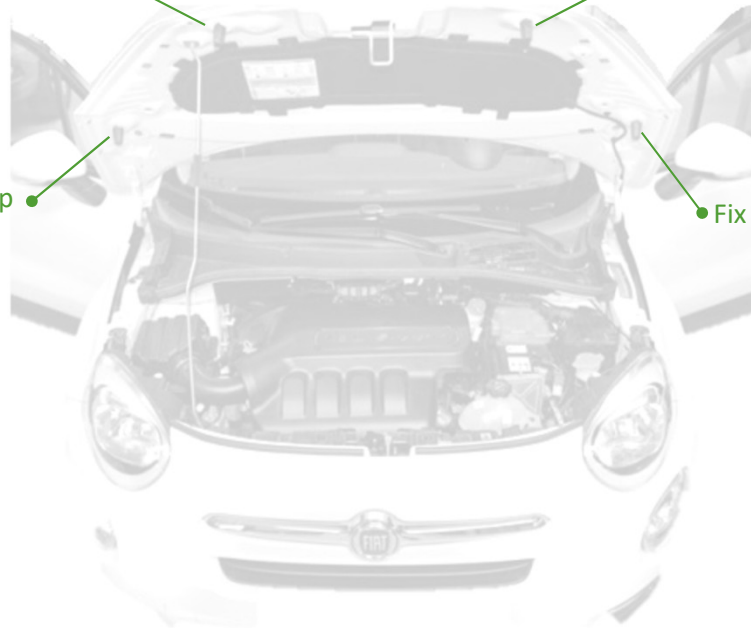


Fix Hood Stop



Fix Hood Stop

Fix Hood Stop



Fix Hood Stop

Fix Hood Stop

Fix Hood Stop



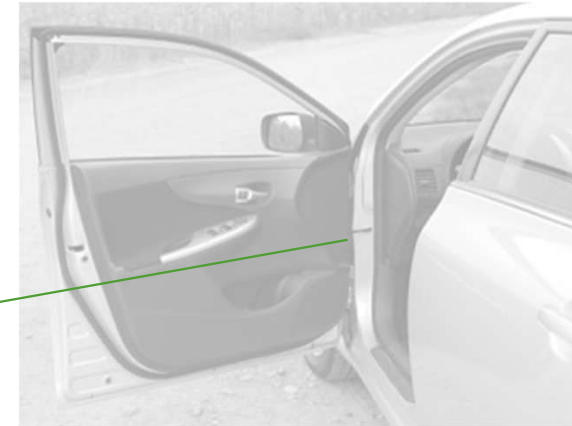
BODY – Wiring Grommet



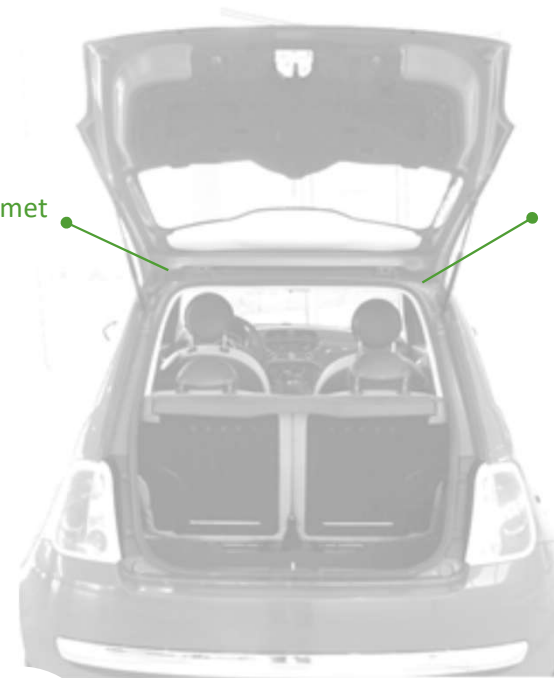
- **Category: Rubber**
- Material: EPDM 50÷60 ShA
- Technology: Injection Molding



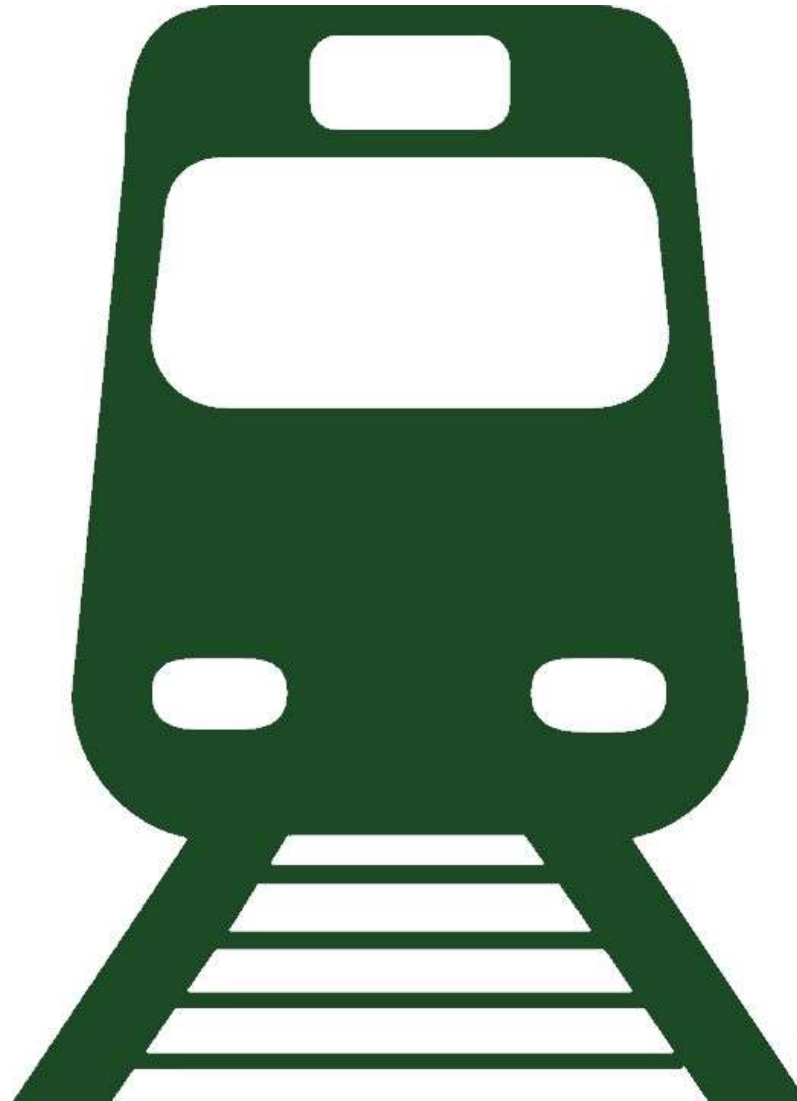
Wiring grommet



Wiring grommet



Wiring grommet



RUBBER

EXPANDED RUBBER

CO-MOULDED

RECYCLED RUBBER



RUBBER BOOT



UNDER SLAB ELASTIC BEARING



RAIL PADS



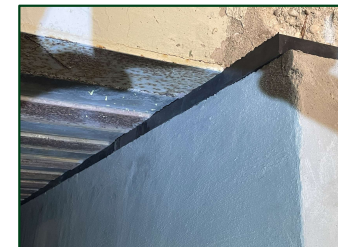
RAIL PADS



RAIL PAD



BRIDGE SUPPORTS



BRAKE MEMBRANES



ELASTIC PAD



WASHERS



RUBBER

EXPANDED RUBBER

CO-MOULDED

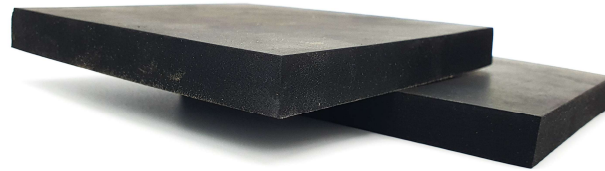
RECYCLED RUBBER



**EXPANDED NEOPRENE
SUB BALLAST MATS**



**EXPANDED EPDM
SUB BALLAST MATS**



RECYCLED RUBBER MAT



BUMBER



STOPPERS

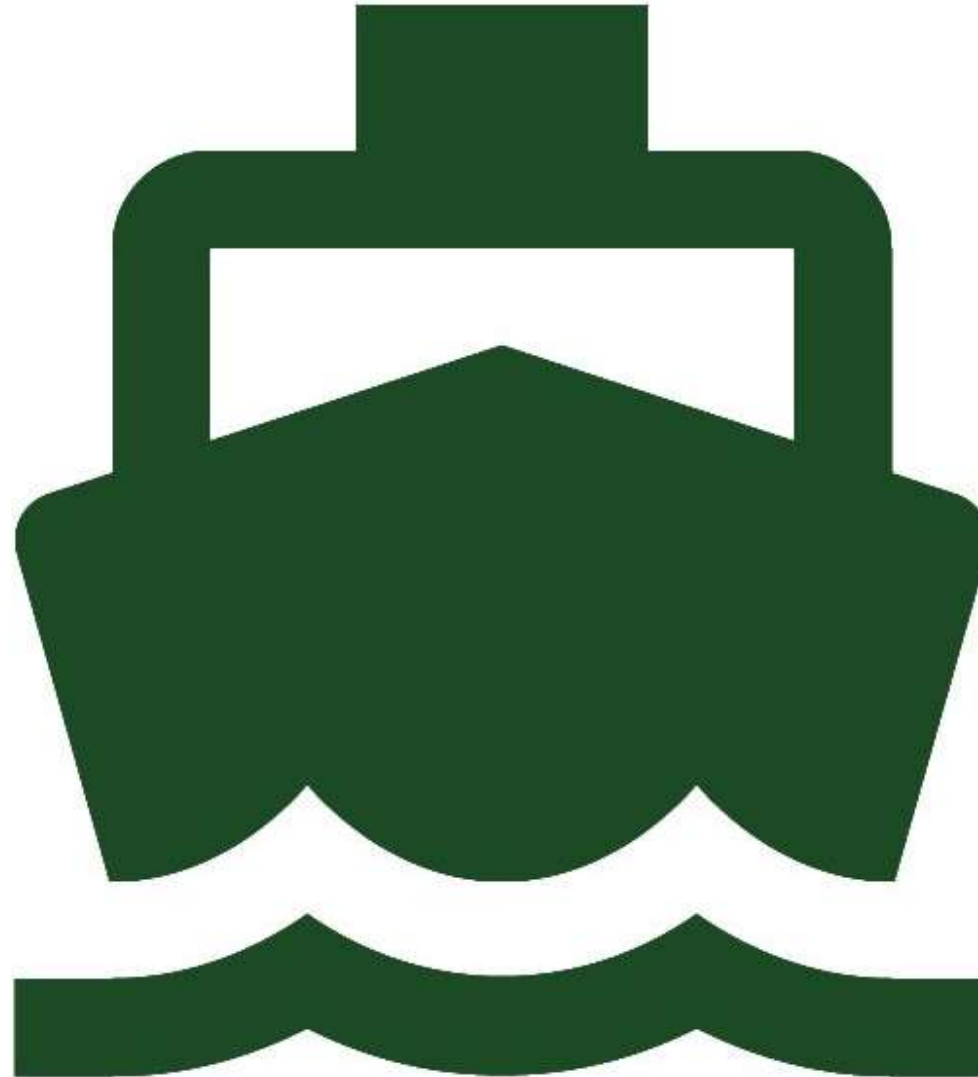


RUBBER

EXPANDED RUBBER

CO-MOULDED

RECYCLED RUBBER



RUBBER

EXPANDED RUBBER

CO-MOULDED

RECYCLED RUBBER



GASKET, DISTANCE ITEM



BRIDGE SUPPORTS



ENGINE SUPPORTS



PAD WITH ANCORAGE PINS



MOTORCYCLE FILTER BOX SLEEVE



BUFFERS WITH ADHESIVE LAYER



SPORT FLAT CONES



METAL TO RUBBER COMPONENTS



ANTI-SISMIC BEARING



RUBBER

EXPANDED RUBBER

CO-MOULDED

RECYCLED RUBBER



RUBBER ROLLER FOR NAUTICAL SECTOR



NAUTICAL ITEMS



EXPANDED NEOPRENE & EPDM MATS



RECYCLED RUBBER MAT



RUBBER CORK MATS



ROLLS IN RUBBER CORK



ROLLS IN RECYCLED RUBBER



RUBBER

EXPANDED RUBBER

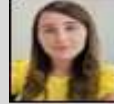
CO-MOULDED

RECYCLED RUBBER

SOGO – Contact List – www.sogo.it

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VIDEO AZIENDALE SOGO SpA – italiano: <https://www.youtube.com/watch?v=JVxbDt4pEmw>

SOGO SpA CORPORATE VIDEO – english: <https://www.youtube.com/watch?v=TuYy3V4c27U>

VIDÉO DE L'ENTREPRISE SOGO SpA – français: <https://www.youtube.com/watch?v=bkZdtl3fFhw>

VIDEO DES UNTERNEHMENS SOGO SpA – deutsche: <https://www.youtube.com/watch?v=wdWtQawj7nE>

