

BLUESIL™, CAF® , LYNDCOAT®



Silicones solutions for automotive industry

Bluestar Silicones. Delivering Your Potential.

BLUESTAR
SILICONES

MORE THAN JUST outstanding silicones properties

A VAST RANGE OF PRODUCTS SPECIALLY DESIGNED FOR AUTOMOTIVE MANUFACTURERS AND EQUIPMENT SUPPLIERS

On the strength of 50 years of experience in Silicones technology, Bluestar Silicones offers automotive industry manufacturer, equipment supplier or sub-contractors customers an extensive range of products to meet their increasingly demanding requirements in terms of performance features, reliability and cost effectiveness.

AN INNOVATION STRATEGY BASED ON PARTNERSHIP AND CROSS-FERTILIZATION OF TECHNOLOGIES

Bluestar Silicones has set itself the mission of partnering with customers in jointly developing tailor-made solutions to best meet their functional requirements.

Besides our outstanding expertise in Silicones technology, Bluestar Silicones also gives customers access to other technologies and expertise within the Bluestar group.



◆ **BLUESIL™**

- > Heat curing rubber HCR
- > Heat and radiation curing resins
- > Oil, emulsions and greases
- > Two component elastomers: RTV-2
- > Electronic silicone adhesives: ESA

◆ **CAF®**

- > Room temperature vulcanizing elastomers
- WITHOUT ACCELERATOR: CAF®, RTV-1
- WITH ACCELERATOR: CAF®, AXAD, Activated RTV-2

◆ **LYNDCOAT®**

- > Emulsions

SILICONES

solutions for automotive industry

AIRBAG TEXTILE COATINGS

- ◆ Complete range of RTV-2 and LSR for Airbag textile coating.
- ◆ Thermal resistance and Durability.

See our specific Brochure.

TIRE RELEASE

- ◆ Complete range of Silicone Emulsions for Tire Demolding.
- ◆ Release, Lubrication, and Thermal stability.

See our specific Brochure.

OTHER AUTO PARTS

Head Lamp and Sun-Roof Gasketing

- ◆ Bonding/Sealing RTV-1
 - > Excellent adhesion on plastic substrates, Non corrosive, UV and Thermal Resistance
- ◆ Molded Gaskets Rubbers
 - > UV Durable, High Compression set

Connectors and Cable Grommets for Electrical Connections

- ◆ Self-bleeding Rubbers

Exhaust Hangers

- ◆ High Thermal resistance, Excellent damping, Mechanical performance and Durability

Power windows, Power door Lock Mechanisms, ...

- ◆ Plastic/plastic and plastic/metal wide temperature range Greases;
 - > Resistance to oxidation and corrosion.

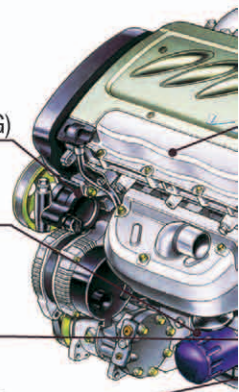


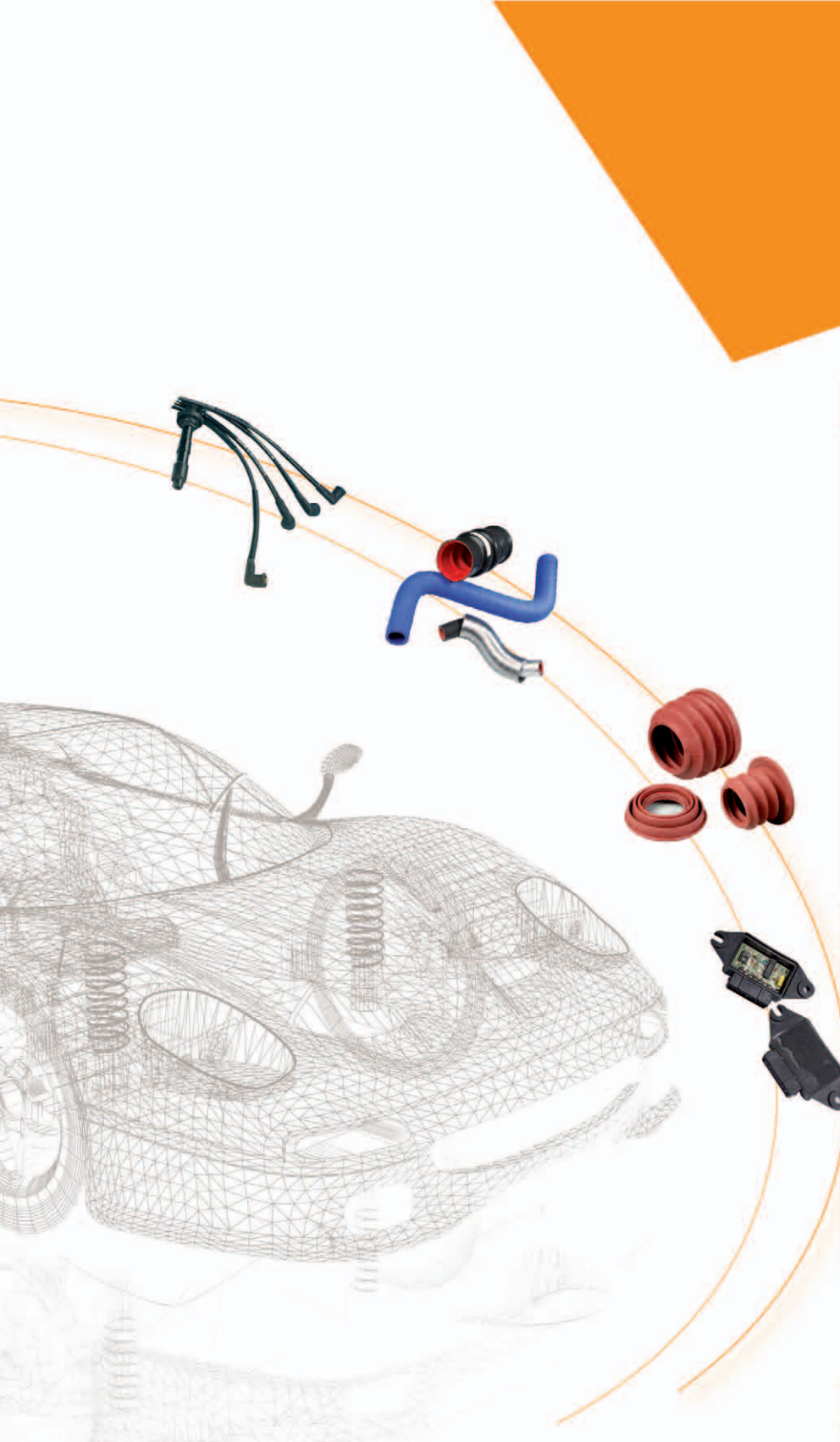
Oil pump (CiPG, FiPG)

Oil filter

Cylinder case (FiPG)

Oil sump (CiPG, FiPG)



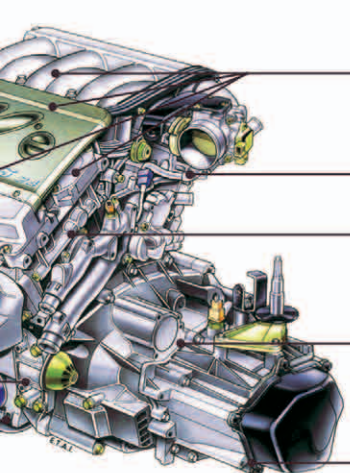


UNDER THE HOOD

- Spark plug boots and Ignition sets**
- ◆ Excellent electrical insulation and Thermal Resistant Rubbers.
- Hoses for Turbo charger and cooling system**
- ◆ Thermally resistant, flexible rubbers, with superior resistance to lubricants and cooling fluids.
- CVJ Boots and Bellows**
- ◆ High elasticity rubbers providing outstanding Oil resistance and Durability.

ON-BOARD ELECTRONICS

- Electronic Devices, Sensors**
- ◆ RTV-1, RTV-2, Gels for:
 - > Potting/Encapsulation
 - > Bonding
 - > Thermal protecting/conducting
 - > Vibration damping
 - ◆ Easy on-line processing, Electrical performances, non corrosive.



Cylinder head cover (CiPG, FiPG)

Gas recovery housing (CiPG)

Cylinder head gasket

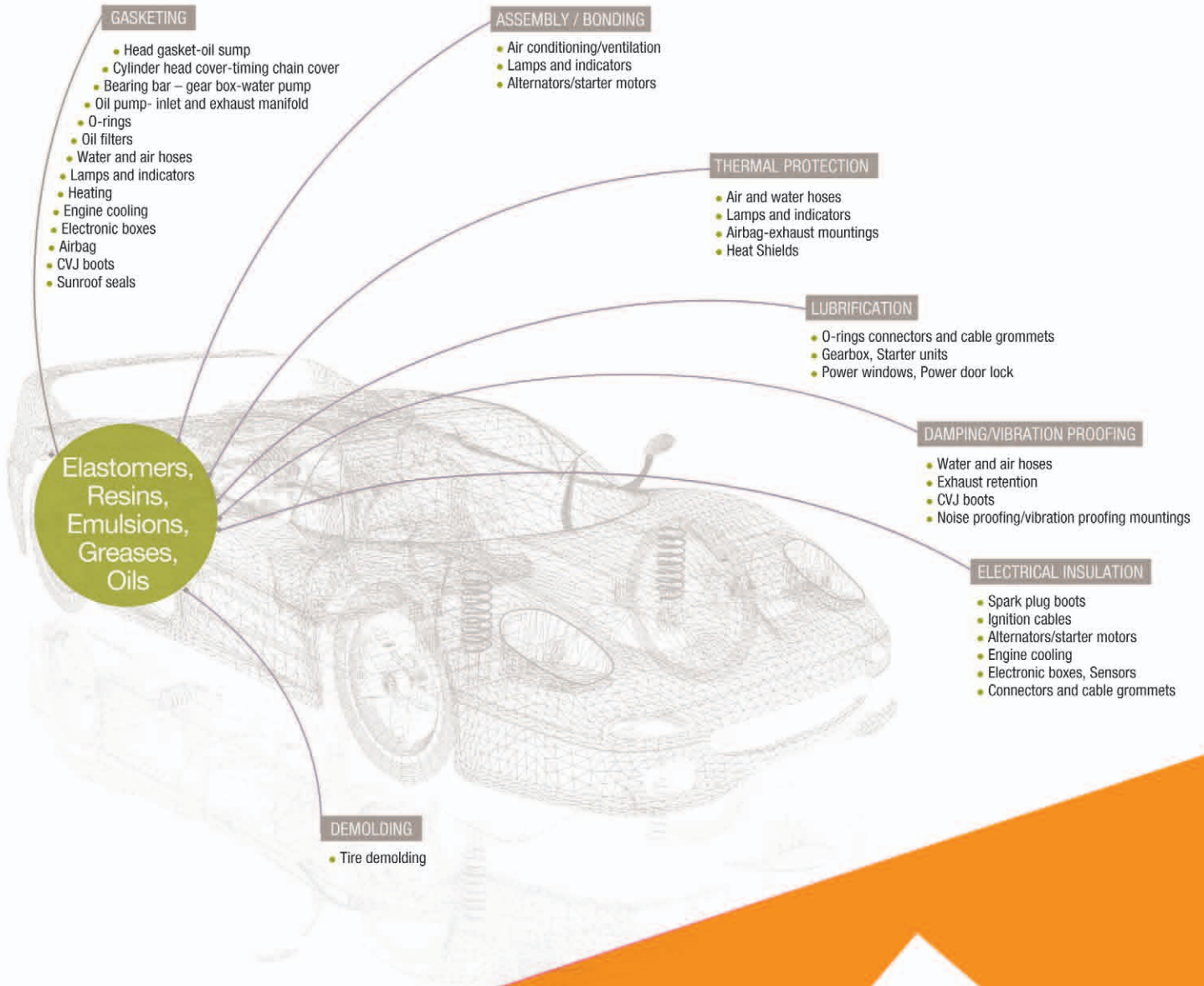
Clutch case/Gear box housing (FiPG)

Gear box rear housing (FiPG)

POWER-TRAIN

- Engine and Gearbox Gasketing**
- ◆ RTV-1 and Activated RTV-2 for:
 - > Cured in Place Gaskets (CiPG)
 - > Formed in Place Gaskets (FiPG)
- Cylinder Head Gaskets**
- ◆ Varnishing and Impregnating Resins
 - ◆ Shoulder silk-screening RTV-2
 - ◆ Easy on-line processing, thermal performance and resistance to lubricants and cooling fluids, outstanding Durability and Compression set.
- Gearbox, Starter units Lubrication**
- ◆ Wide temperature range lubricating and excellent wash-out resistance Greases.

FUNCTIONS / APPLICATIONS



An ongoing commitment to safety, protection of health and the environment

Having signed its name to the U.I.C. (Chemical Industry's Union) commitment to progress, Bluestar Silicones is committed to manufacturing its products and carrying out its operations with a continuous focus on improving safety and protecting health and the environment.



A quality system certified to NF EN ISO 9001 : 2000 and NF EN / AS 9100 standard



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