

CORTECO

CHAIN OF EXCELLENCE

Corteco is one of the leading suppliers for the Independent Automotive Aftermarket. As a member of the global Freudenberg Group we supply over 20,000 products in OEM quality. With Corteco the Independent Automotive Aftermarket benefits from a product range of Sealing Solutions, Vibration Control and Cabin Air Filtration from an OE Manufacturer.



Specific product design to fulfill OE requirements



High quality raw materials for high-level service parts

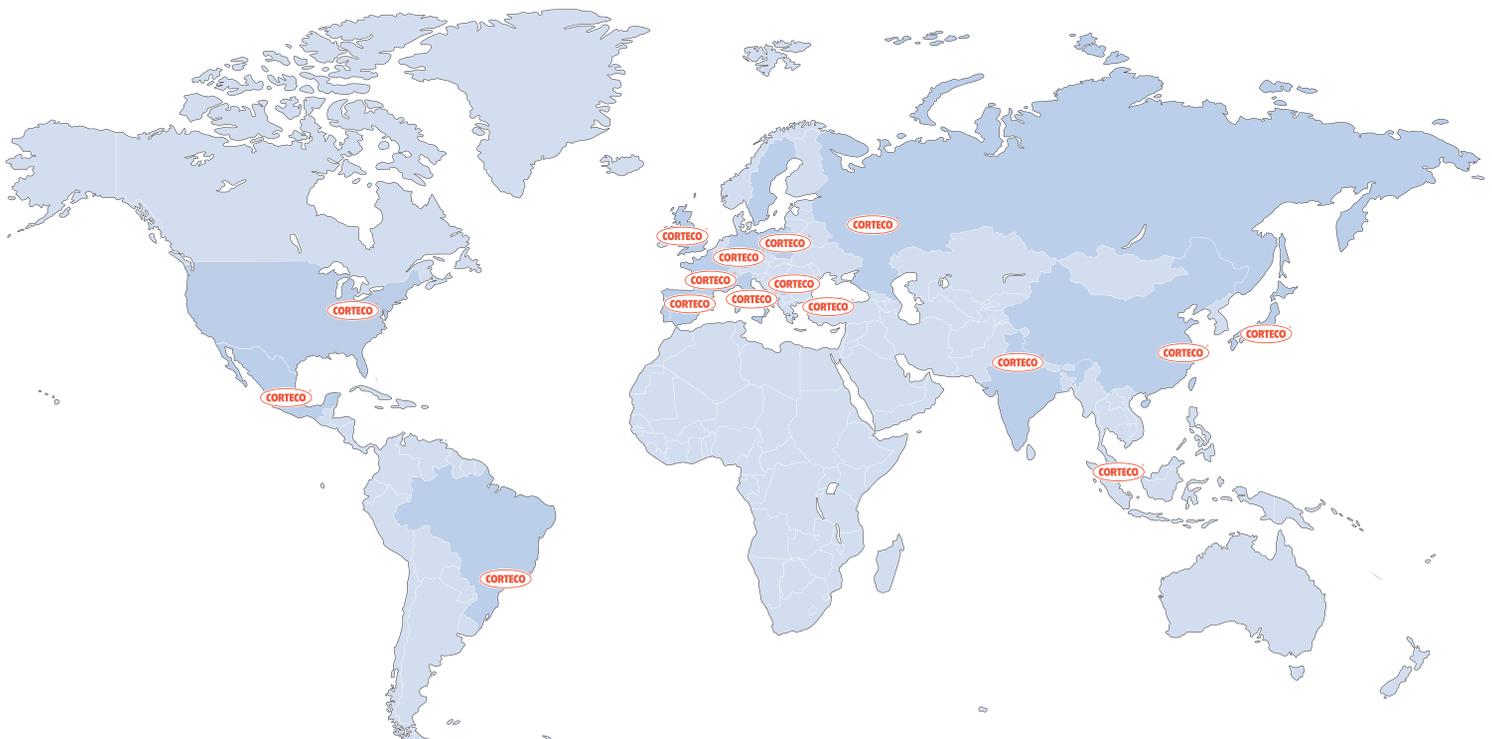


Efficient production processes



Global supply chain, dedicated to the aftermarket

16 WORLDWIDE LOCATIONS



SEALING

VIBRATION
CONTROL

CABIN
AIR FILTER

OUR PERSONAL DRIVE. YOUR DRIVING COMFORT.

VIBRATION CONTROL
COMPONENTS IN OEM QUALITY.



 **Vibracoustic**

a brand of
 **FREUDENBERG**

 **CORTECO**[®]

YOUR EXPERT IN VIBRATION CONTROL

Based on the extensive material and development know-how of the Freudenberg Group, we offer vibration control components and repair kits in OEM quality for more than 27,500 types of vehicles. All products are designed to meet the highest quality standards and are manufactured using the latest production methods.



CRANKSHAFT PULLEYS

Crankshaft pulleys control the vibrations within the crankshaft. If they are not controlled the crankshaft might break at certain operating speeds.

- ▶ Damper pulleys
- ▶ Decoupled damper pulleys
- ▶ Damper pulley and bolt kits



ENGINE AND GEARBOX MOUNTS

It's what's inside that counts. Each rubber mixture has special damping properties and needs to be matched precisely to the specific application. Corteco offers conventional, hydraulic or switchable mounts in original quality with the highest performance, fitting accuracy and safety.

- ▶ Hydro mounts
- ▶ Switchable engine mounts
- ▶ Lightweight mounts



SUSPENSION STRUT MOUNTS

The suspension strut mounts isolate the dynamic forces of the suspension strut and the spring thus avoiding the transfer of vibration to the vehicle body.

- ▶ Strut mounts including ball bearings



CHASSIS AND DRIVE TRAIN MOUNTS

Also components such as chassis mounts and bushings play a decisive role when it comes to driving safety and comfort.

- ▶ Stabilizer mounts
- ▶ Drive train mounts
- ▶ Chassis and axle mounts
- ▶ Hydraulic accumulators



Start-stop systems are increasingly being implemented to reduce CO₂ emissions and save fuel. Starting and stopping the engine however causes severe, noise-generating vibrations which must be reduced or surrounding parts may be affected. Corteco provides an extensive range of pulleys especially developed for implementation in start-stop systems. The support of the parent group Freudenberg secures Corteco's first-to-market approach.



CHECK THE PULLEY WHEN THE BELT IS REPLACED

Vibrations caused by an old or poor quality pulley can damage the auxiliary units. This can lead to severe engine damage or engine failure. A simple visual check around the pulley can reveal different types of damage, such as cracks in the elastomer material or damage to the belt. They indicate the need for a replacement of the pulley, an early replacement can prevent subsequent damage.



TECHNOLOGY

Vibracoustic is Freudenberg's OE brand for Vibration Control and one of the leading manufacturers of rubber-metal parts and advanced technology solutions including the decoupled pulley. Genuine rubber materials are developed to ensure better performance, reliability and safety for our customers.



MARKET POTENTIAL

- ▶ More and more new cars are being equipped with decoupled pulleys
- ▶ Increased use of hydro mounts in addition to classical rubber metal mounts
- ▶ Anti-vibration technology is becoming more complex and sophisticated