

Dynamic Seals, Gaskets and Heat Shields



Federal-Mogul Corporation delivers superior sealing and shielding solutions for vehicle, transportation, machinery and industrial markets worldwide. We are a leading designer of engine, transmission and driveline sealing systems. Our advanced engineering and analytical capabilities reduce development time, validate quality and improve performance.

With a comprehensive range of products and services, Federal-Mogul is a preferred global supplier, providing speed, flexibility, world-class technology and innovation to our customers worldwide.

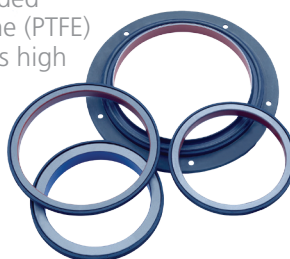
MLS and Steel / Elastomer Cylinder Head Gaskets

- Advanced engineering and analytical capabilities reduce lead time and validate quality and performance
- Comprehensive portfolio of technologies designed to meet specific needs for light vehicle and commercial vehicle engine architectures
- Innovation to enable advanced combustion processes, emissions control and CO₂ reduction



Dynamic Seals

- Flat-Install®, the next-generation heavy-duty engine seal, with bonded polytetrafluoroethylene (PTFE) sealing element, offers high value and durability
- Innovative design provides easy fit for successful customer installations and superior dirt exclusion capability ensures extended seal life
- Advanced seal designs provide industry benchmarks for low torque and CO₂ reduction



Bonded Pistons

- 2013 PACE™ Award winning hydraulic actuators for automatic transmissions
- More than 300 million Federal-Mogul Unipistons® already in service
- High-performing Unipiston® products reduce assembly costs
- Material development and process technology ensure higher quality and improved durability



High Temperature Exhaust System Gaskets

- High Temperature Alloy (HTA) technology enables reliable sealing performance in highly-boosted engines where temperatures exceed the capability of traditional exhaust sealing materials
- Innovative High Temperature Coating (HTC) developed for thermal stability up to 1000°C
- Portfolio of technical solutions tailored to meet the temperature needs of the application environment – exhaust manifold, turbocharger, and EGR



Engineered Elastomeric Gaskets

- Comprehensive range of materials expertise and engineered solutions for specific fluid and temperature environments
- Industry-leading analytical tools enable rapid development of sealing solutions and functionality that is “right the first time”



Heat Shields

- Complete product offering and continuous innovation give original equipment manufacturers tailored products to meet application requirements underhood and underbody
- Lightweight Nimbus® technology can provide up to 80% weight reduction compared to traditional heat shields

