# **Systems Protection**

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Federal-Mogul Corporation is a global leader in the design, development and manufacture of advanced vehicle safety and protection products, providing innovative solutions to our automotive, heavy-duty, energy, industrial and transport customers.

The company's Bentley-Harris systems protection products features innovative tubular and self-wrapping sleeves as well as custom shielding designs for a wide range of vehicle applications including wire harnesses, tubing and hoses, sensor assemblies, cable assemblies and plastic components.

#### **Abrasion**

- Superior abrasion protection in easy-toapply, flexible design including expandable, self-wrapping and flat profile
- Ideal for instrument panel and engine harnesses; tubing, hose and cable assemblies

### **Thermal Management**

- Excellent thermal insulation and radiant heat protection
- Innovative designs expand for flanges and bends with unique material combinations and self-sealing features
- Convective and radiant heat solutions for EGR tubes and exhaust systems; fuel and hydraulic lines; battery and control cables; wire harnesses; hoses and tubing

## **Electromagnetic Interference (EMI) Shielding**

- Lightweight, durable and easy to install products
- Specially-designed yarn and wire technology combine for exceptional performance
- Addresses growing concerns for engine and instrument panel harnesses; power and battery cables; and lighting assemblies

### **Noise, Vibration and Harshness**

- Outstanding noise suppression and absorption properties
- Innovative material combinations to meet application conditions including eco-friendly alternatives
- Engineered to address NVH in interior door panels, headliners, HVAC systems, cables, hoses and tubing

### Safety

- Durable textile sleeving offers crash protection for fuel lines, electrical harnesses, and other critical components
- Innovative designs such as CrushShield™ meet current and emerging industry standards for high voltage electic vehicle systems

### **Radiant Heat Protection**

- Unique material combinations in tubular and wrappable designs
- Self-sealing features include hook and loop, and adhesive closing systems
- Typical applications include wire harnesses, battery cables, brake lines, fuel lines and control cables













**Bentley**Harris<sup>®</sup>