



THERMAL MANAGEMENT

ReflectShield® 1435

Product Highlights

- Operating temperature up to +200°C (+392°F)
- Self-adhesion directly onto component
- Easy installation
- Provides superior protection against radiant heat
- Available in custom designs

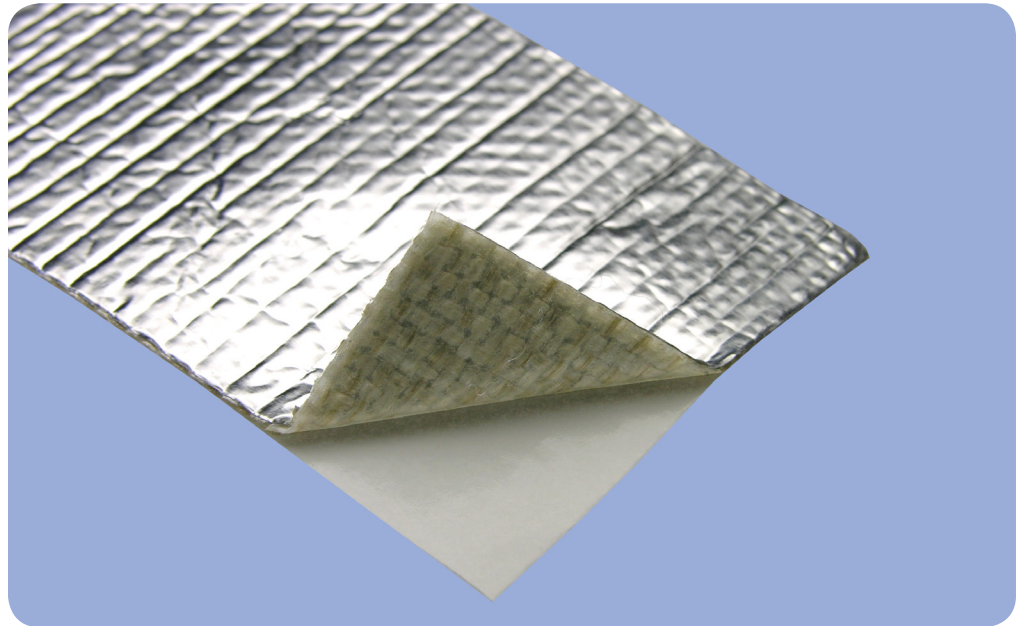
Typical Applications

- Plastic fuel tanks
- Plastic engine components
- Any area where a self-adhering thermal protection system is required



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

RS1435_07202017



ReflectShield® 1435 is a woven fiberglass fabric that has an aluminum foil laminated to its outer surface and an acrylic pressure sensitive adhesive on its inner surface. ReflectShield 1435 can be slit to widths and lengths or custom die cut to complex geometric shapes.

ReflectShield 1435 provides superior protection from radiant heat for plastic fuel tanks, plastic engine components, and areas where a self-adhering thermal protection system is required. ReflectShield 1435 can also be applied to metal heat shields to increase their thermal performance.

BentleyHarris®
Protection Products

Performance Data – ReflectShield® 1435

Property	Test Method	Result
Temperature Rating	240 hours at +225°C (+200°C rating)	Pass +200°C (+392°F)
Thermal Endurance	BH100-503	No degradation or delamination (25mm above a +538°C heat source for 6 hours)
Low Temperature Resistance	BH100-016C	Pass -40°C (-40°F)
Flammability	SAE J369	Self-extinguishing
Fluid Resistance	BH100-003B	Pass

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Construction and Typical Product Characteristics

Outer Layer	Aluminum
Inner Layer	Fiberglass multifilament with a pressure sensitive adhesive (PSA) backing

Availability

ReflectShield 1435 is a customizable product and is available in various designs to meet specific application requirements. Color is aluminum (silver). Please contact your sales representative for availability.

The information and illustrations given herein are believed to be reliable. Federal-Mogul makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Federal-Mogul's only obligations are those in the standard term of sale for this product and Federal-Mogul will not be liable for any consequential or other damages arising out of the use or misuse of this product. Users should make their own evaluations to determine the suitability of the product for specific applications.

©2008 Federal-Mogul Systems Protection, manufacturer of Bentley-Harris protection products. The trademarks displayed are owned by Federal-Mogul Corporation, or its subsidiaries, in one or more countries.



USA: (1) 800 926 2472
Europe: (33) 3 44 39 06 06
Japan: (81) 45 479 0201
China: (86) 21 6182 7688

www.federalmogul.com/sp