

## Product Highlights

- Operating temperature up to +225°C (+437°F)
- Excellent radiant heat protection
- Adhesive backed for peel and stick applications
- Superior adhesion to low surface energy plastics
- Easy installation for complex geometries
- Available in custom designs
- Fluid and chemical resistant

## Typical Applications

- Fuel Tanks and Coolant Bottles
- Plastic and Metal Troughs
- Polypropylene Applications
- Other Low Surface Energy Plastic Components



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)



**ReflectShield® 1435SA2** is a woven fiberglass fabric with aluminum foil laminated to its outer surface and a pressure sensitive adhesive to its inner surface. This peel and stick laminate provides superior radiant heat protection for a variety of components including areas of complex geometry or difficult fixation.

Utilizing the base ReflectShield 1435 substrate and applying a superior multipolymer adhesive, ReflectShield 1435SA2 delivers superior adhesion to low surface energy plastics including HDPE, polypropylene and gas filled polypropylene while continuing to maintain excellent adhesion to other substrates including metals.

ReflectShield 1435SA2 can be slit and sheeted to custom size or 2D die cut to accommodate complex shapes as well as is available with a variety of different backer paper materials and configuration options including tape tabs, cracked liner or kiss cut.

# Performance Data – ReflectShield® 1435SA2

Property	Test Method	Result
Temperature Rating	240 hours at +250°C (+225°C rating)	Pass +225°C (+437°F)
Thermal Endurance	25mm above 537°C heat source for 6 hours	Pass
Low Temperature Flexibility	SAEJ2192	Pass -40°C (-40°F)
Flammability	SAE J369	Self-extinguishing
	FMVSS 302	Pass
Fluid Resistance	SAEJ2192	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

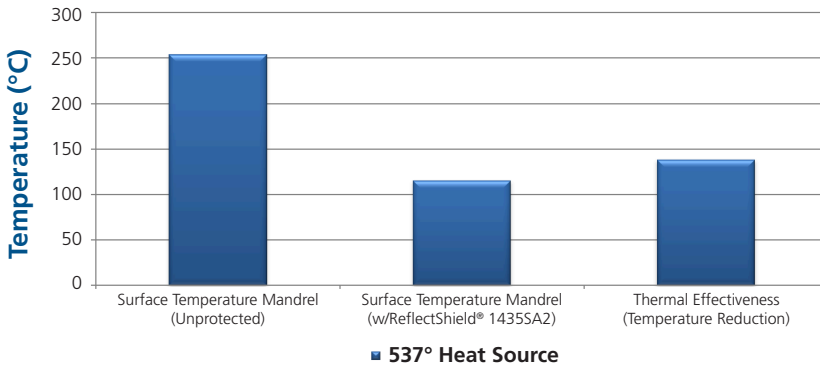
**Inner Layer:** Fiberglass multifilament with special pressure sensitive adhesive (PSA) backing

## Availability

This product is designed to customer specific application, geometry and performance requirements.

Due to the nature of this custom product, please consult your local sales representative for more details.

### Typical Thermal Effectiveness (SAE J2302)



Note: Mandrel is parallel to and 25mm (1") away from heat source



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