

Features/Applications

GREMSHIELD® 430ALU25SI is a flexible heat shield made of an aluminum foil laminated over a silicone coated fiberglass fabric to prevent fabric fraying. GREMSHIELD® 430ALU25SI offers a continuous working temperature of -40°C up to +250°C. Its smooth and reflective outer surface provides an effective barrier to radiant heat. GREMSHIELD® 430ALU25SI is suitable for the protection from a heat source of any temperature sensitive components (molded parts, reservoirs, tanks, etc). Used within the automotive sector.

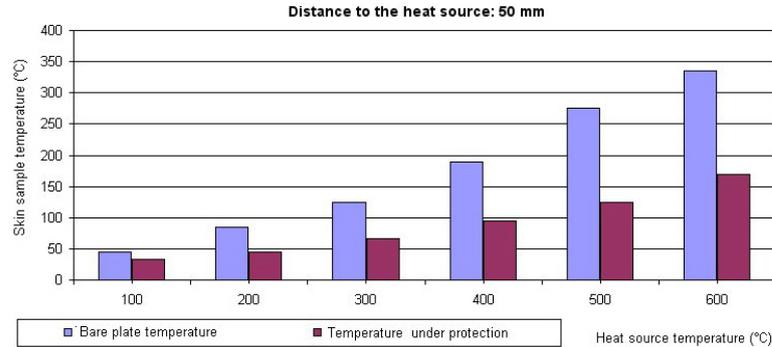
Various

Standard colours: Reflective aluminum.

Dimensions

These parts are tailor-made to each customer’s application. GREMTEK’s engineering department has significant application and design expertise. The designer teams will work with the customer to identify the best design in order to achieve the specified requirements. The heat shields can be formed and shaped using a variety of methods from hook and loop, to press studs, to sewn solutions.

Heat reduction



Property	Values	Test Methods
Physical Working temperature	-40°C to +250°C	-
Finishing	Silicone	-
Aluminum foil thickness	25 µm	Against joining 1 face
Total thickness	0,46 mm	DIN EN ISO 12127
Total weight	430 g/m²	DIN EN ISO 5084
Flammability	Does not burn	FMVSS 302 D45 1333
Chemical Fluid resistance	No delamination	D47 1924



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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.