

GREMSHIELD® 520PET6ALU

TECHNICAL DATA SHEET

GREMSHIELD® 520PET6ALU is a thermal protection system consisting of anti-fray treated "E" type glass fibre with an aluminised polyester side.

This made-to-order product is designed according to the dimensional and functional requirements of the part and/or environment to be protected. It can be tubular shaped with stitches or other removable quick-closing systems such as zips, snap fasteners, auto gripping tape, etc.

It is mainly a vehicle engine radiation protection system for components subjected to heat such as hoses, electric cables, plastic parts, etc.

Working temperature	-50°C up to +180°C <i>(On continuously without mechanical constraints).</i>
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Standard colour	Aluminium.
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Thermal insulation properties	Due to the high reflectivity of the aluminised exterior side, this product enables temperature reductions of up to +100°C under the sleeving.
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DIMENSION DATA

According to the application and environment; our R&D department will liaise with you to determine the most suitable product.

GREMSHIELD® 520PET6ALU

TECHNICAL CHARACTERISTICS:

Standard requirements Tolerances Norms

FINISHED PRODUCT :

Total thickness	0,38 mm	±0,03 mm	ISO 2286-3
Tensile strength			
Chain	≥ 350 daN/50mm		ISO 1421/1
Screen	≥ 200 daN/50mm		DIN 53 354
Tear started using a pendular sheep (43 mm)			
Chain	≥ 7 daN/43mm		NF G37-128-2
Screen	≥ 6 daN/43mm		ISO 4674-2
Surface mass	505 g/m ²	±5%	ISO 2286-2A
Processing	Polyurethane anti-tearing		
Against joining 1 face	Aluminated polyester		
Thickness	6 µm		
Inflammability (Test with the electric burner)			
Chain & Screen	Face D M1 Face V M2		NF P92 503

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The current technical data sheet can be modified without notice.

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.