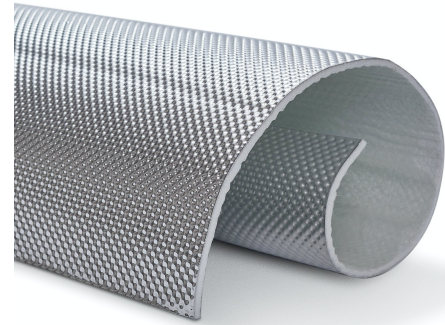


# HEAT SHIELDINGS

## Material DataSheet - ARMOR thermal shield

### Manufacturer / Supplier

Motex Solutions  
Boogerd 12  
1687 VX Wognum  
The Netherlands  
VAT: NL850197296B01  
Chamber of commerce: 51845202



|                            |   |
|----------------------------|---|
| <b>Product Description</b> | <b>ARMOR thermal shield</b>   |
| <b>Product Category</b>    | E Glass Fibre Textiles including cloth, tape, rope, yarn, needlemat manufactured by weaving, knitting, braiding, needle punching and other methods. |

|                             |  |
|-----------------------------|--|
| <b>Material</b>             | Aluminium polyglass lamination                                 |
| <b>Insulation</b>           | Polyglass fibers .125"   |
| <b>Aluminium Face</b>       | 10mil Dimpled Aluminium rated until 1750°F   950°C direct heat |
| <b>Adhesive</b>             | High Temperature Acrylic rated until 445°F   230°C direct heat |
| <b>Tensile strength</b>     | 762 lbs   345kg  |
| <b>Weight</b>               | 4 oz/ft2   113g / 61cm   |
| <b>Tear Resistance</b>      | 482 lbs   218kg  |
| <b>Moisture Absorption</b>  | 0.3 %  |
| <b>Thermal Conductivity</b> | 93C: 0.040 w/m°K   |
| <b>Adhesion to Metal</b>    | 45 LBS   20 kg at 90 degree pull after 30 minutes time         |
| <b>Heat rating</b>          | 700° F   375°C direct heat                                     |



\* Dry storage

The information given in this document corresponds to our knowledge relative to the product at the mentioned date. It is given in good faith. Furthermore users attention is drawn to the possible risks when the product is used for other purposes than the one for which it was designed. In no cases it exempts the user from knowing and applying the text's regulations to his activities. He will take sole responsibility for precautions regarding the way he uses the product. As of: June 2015