

## ALPHA MARITEX 3200-2-SS

### Description

ALPHA MARITEX 3200-2-SS is a medium weight fibre glass fabric with a specially formulated aluminium pigmented and fire retardant silicone elastomer which provides a waterproof, high temperature resistant and heat reflecting surface as well as other properties for the manufacturing of removable insulation pads, flange and valve covers, welding curtains and equipment covers. The material does not generate toxic emissions, has a good resistance to hydrolysis and offers a flexible handle.

### Technical Data

| Base Fabric            |  |   |          | Tolerance                           | Test Methods   |
|------------------------|--|---|----------|-------------------------------------|----------------|
| Yarn                   | Warp   | EC9 -136  |          | ± 5%                                | DIN EN 12654   |
|                        | Weft   | EC9 -136  |          |                                     |                |
| Thread Count           | Warp   | 18.6  | per 1 cm | ± 5%                                | DIN EN 1049    |
|                        | Weft   | 11.0  | per 1 cm |                                     |                |
| Tensile Strength       | Warp   | 1080  | N/cm     |                                     | DIN EN 12654   |
|                        | Weft   | 640   | N/cm     |                                     |                |
| Weight                 |  | 415   | g/m2     | ± 5%                                | DIN EN 12127   |
| Weave                  |  | 4 Shaft Satin   |          |                                     | DIN ISO 9354   |
| Coated Fabric          |  |   |          |                                     |                |
| Coating                | Fire retardant silicone elastomer with added aluminium pigment on both sides |   |          |                                     |                |
| Weight                 |  | 555   | g/m2     | ± 10%                               | DIN EN 12127   |
| Thickness              |  | 0.42  | mm       | ± 10%                               | DIN ISO 4603/E |
| Tensile Strength       | Warp   | 700   | N/cm     | min.                                | DIN ISO 4606   |
|                        | Weft   | 500   | N/cm     | min.                                |                |
| Temperature Resistance |  | -55 to 200 ° C  |          | Tolerates 260 ° C for short periods |                |
|                        |  | Glass fibre fabric maintains integrity up to 600 ° C          |          |                                     |                |
| Approvals              |  | IMO Res. A 653 (1)<br>Lloyds Nr. SVG/F92/110; Nr. SAS F970017 |          |                                     |                |

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