

# marglass S590

Flame retardant fibreglass fabric with HT silicone coating in both sides

NON FLAMMABLE FABRIC



## Technical Data Sheet

|                      |                                            |
|----------------------|--------------------------------------------|
| Composition          | 72% E-glass 28% HT silicone                |
| Base                 | Fiberglass                                 |
| Working side coating | HT silicone coating - 80 gr/m <sup>2</sup> |
| Reverse side coating | HT silicone coating - 80 gr/m <sup>2</sup> |
| Weave                | Satin                                      |

## Physical Properties

|                                                       | Metric                     | US                           |
|-------------------------------------------------------|----------------------------|------------------------------|
| Weight                                                | 590 gr/m <sup>2</sup> ± 5% | 17,4 oz/yd <sup>2</sup> ± 5% |
| Thickness                                             | 0,5 mm                     | 0,019 in                     |
| Width <small>(contact us for especial widths)</small> | 150 cm ± 2%                | 59 in                        |
| Roll lenght                                           | 50 mt                      | 55 yd                        |

## Thermal Properties

|                | Metric | US      |
|----------------|--------|---------|
| Continous temp | 300 °C | 572 °F  |
| Peak temp      | 900 °C | 1652 °F |

## Common Applications

- Heat shield
- Strong welding
- Furnace curtains
- Flame barrier
- Electric insulation
- Thermal barrier

## Main Features



Flame Resistant



Welding Protection



Water/ Oil proof



Smoke Resistant

## Technical Specs

|                                 | Results                               | Standard   |
|---------------------------------|---------------------------------------|------------|
| Limited Flame Spread            | A1 - A2                               | ISO 15025  |
| Convective Heat                 | B1                                    | ISO 9151   |
| Radiant Heat                    | C1                                    | ISO 6942   |
| Tensile Strenght                | Warp > 2700 N ±10% Weft > 1700 N ±10% | EN 13934-1 |
| Fire resistant level            | M0                                    | UNE 23727  |
| Resistance to Water Penetration | 100                                   | EN 20811   |

The described values in this technical sheet are the estimated results obtained in the MARINA TEXTIL S.L. internal laboratory according to standard methodologies. MARINA reserves the right to change the parameters without the obligation to notice it previously.  
Asbestos free product.

## Maintenance Information



What is the Metrik?