# Certified Fire Resistance – Global Standards

## EV Fire Blanket – Fire Resistance Testing

**BS 476-Parts 6 & 7 - Class 0 rating achieved - PASSED**

**BS 476-20 1987 - Furnace Test at 1,000°C (1,832°F) for 90 minutes**

**ASTM D6413-22 –** Vertical Flame Resistance **- PASSED**

**FMVSS 302 –** Federal Motor Vehicle Fire Safety Standard **- PASSED**

**NFPA 701 –** Flame Propagation of Textiles **- PASSED**

**ISO EN 13501-1 2018 -** European Standard for Fire Classification of Products **PASSED**

## Certificate of Technical Performance

**Product Name:** WH - EV Fire Blanket XL – Large EV Fire Blanket
SKU: **WHFB3400**

**Material Description:** Ultra-high Silica content fabric with fire resistant grey silicone coating to both sides. Reinforced corners with heavy duty silicone fabric pull handles. All seams and handles stitched with high temperature resistant thread.

Dimensions: **39 x 29¼ ft** – Weight: **c. 72.5 lbs.**

**Material Specification** – as per BS EN 112127:1998

| | Units | Value | Tolerance |
|---|---|---|---|
| Weight | $g/m^2$ | 260 | ±5% |
| Fire Resistant Coating | $g/m^2$ | 30 each side | ±10% |
| Tensile Strength— **ISO 4606:1995** | | | |
| Warp | N/5cm | >1400 | |
| Weft | N/5cm | >1300 | |

**MATERIAL TEST DATA:**

| | | RESULTS | | |
|---|---|---|---|---|
| **Test Standard** | **Parameter** | **# of Tests** | **Continuous** | **Compliance** |
| EN ISO 1716 | Fabric with Coating | Summary | 1.5 MJ/Kg | Compliant |
| EN 13823: 2020 | FIGRA $_{0.2MJ}$ | 3 | 0 W/s | Compliant |
| EN 13823: 2020 | FIGRA $_{0.4MJ}$ | 3 | 0 W/s | Compliant |
| EN 13823: 2020 | THR $_{600S}$ | 3 | 0.0 MJ | Compliant |
| EN 13823: 2020 | LFS | 3 | Nil | Compliant |
| EN 13823: 2020 | SMOGRA | 3 | 19 $m^2$ | Compliant |
| EN 13823: 2020 | TSP $_{600s}$ | 3 | 17 $m^2$ | Compliant |
| EN 13823: 2020 | Flaming of Fallen Particle Exceeding 10 seconds | 3 | Nil | Compliant |
| BS EN ISO 811: 2018 | Hydrostatic Pressure Test | Avg. result | 46 cm/H2O | |
| BS EN ISO 9237: 1995 | Air Permeability | Avg. result | 0.06 mm/sec | |
| BS 7209: 1990 | Water Vapor Permeability | | 187.2 g/$m^2$ . WVPI 22.0% | |

BS EN 13501-1:2018 - Reaction to fire classification: A1

I declare that the above information is a true and accurate reproduction of test results.

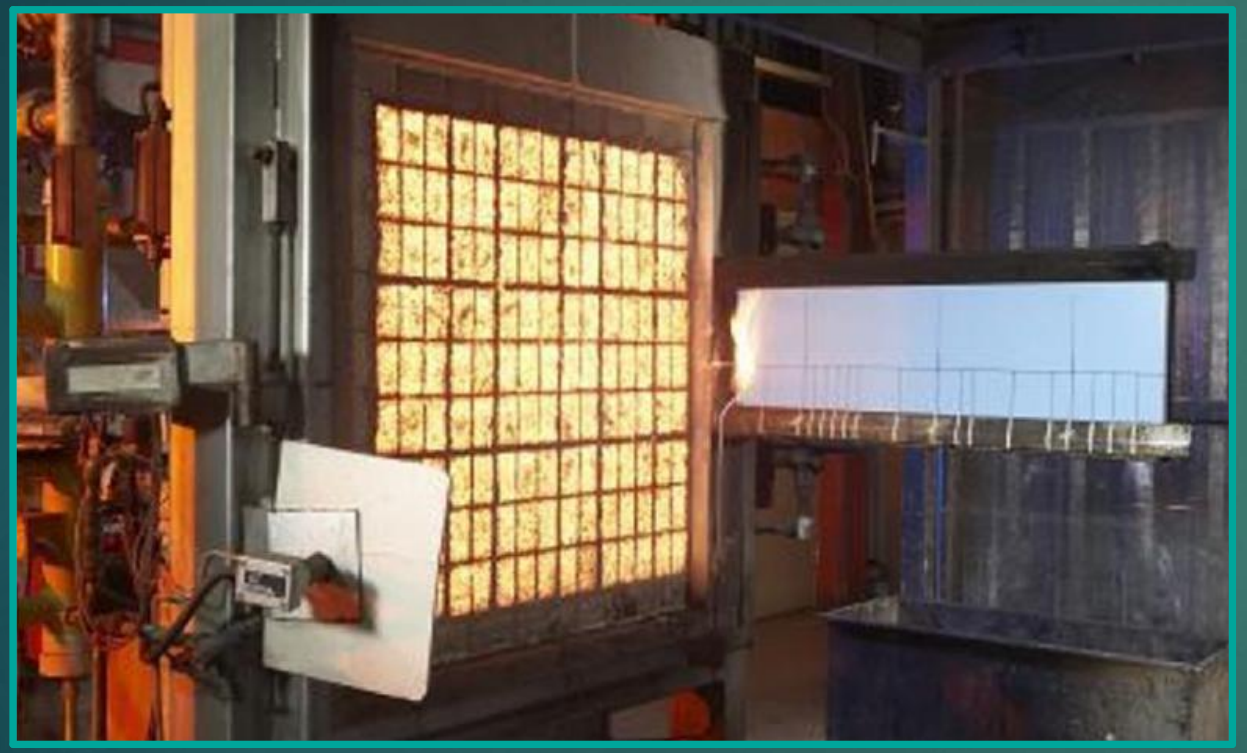
Mario Savio – Managing Director

APPROVED Fire Blanket WH 3286

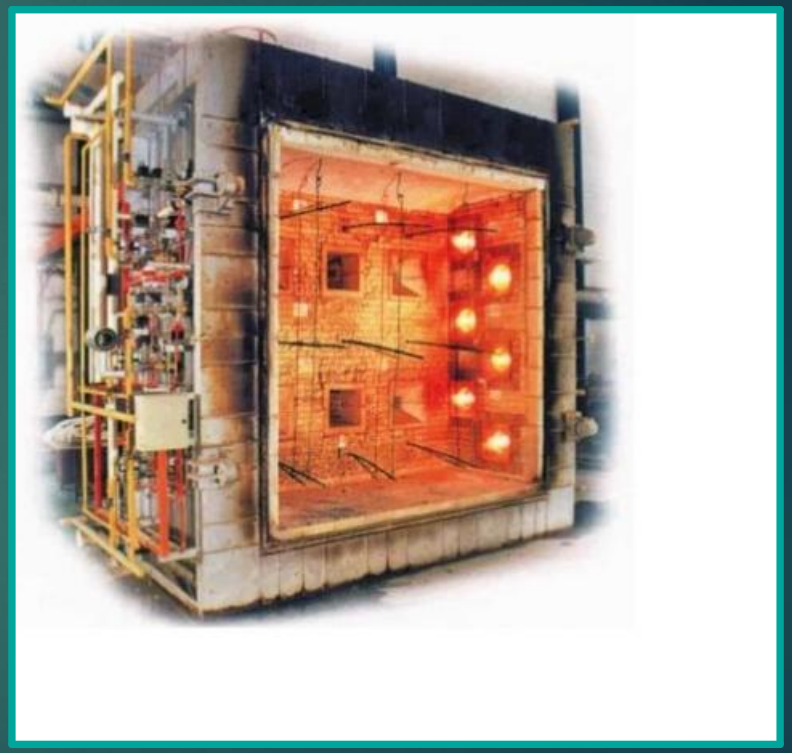
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# BS 476 Part 20 – Furnace Test

**After 90 minutes of exposure to approximately 1,800°F, there is no deterioration of the material.**



Test setup and exposed specimen



High-temperature furnace chamber