

## Tensitech 480 Datasheet

### Description

Tensitech 480 is one of the most robust commercial shade cloths available. It comes in a variety of colours, some that meet ARPANSA's highest protection standards, classified as "Very Effective" for blocking harmful UV rays.

Boasting excellent strength and exceptional tension, Tensitech 480 remains taut and secure even in high wind conditions. It is highly resistant to dirt and mould, and its close-knit construction makes it nearly impervious to punctures or damage from sharp objects. This durability makes it perfect for commercial environments where vandalism is a concern.

### Application

Tensile structures, shade sails, shade structures

### Weight

480gsm +/- 15

### Width

380cm or 650cm

### Roll Length

50m, 30m

| Colours    | Cover Factor | Shade Factor | UV-Vis Trans % | UVR Trans % | UVR Block% | PAR Trans% | UVE % | Protection Category |
|------------|--------------|--------------|----------------|-------------|------------|------------|-------|---------------------|
| Midnight   | 92           | 92.7         | 7.3            | 7.3         | 92.7       | 7.3        | 92.0  | Very Effective      |
| Charcoal   | 92           | 92.7         | 7.3            | 7.4         | 92.6       | 7.3        | 92    | Very Effective      |
| Gunmetal   | 95           | 94.6         | 5.4            | 4.9         | 95.1       | 5.4        | 94    | Very Effective      |
| Ocean Blue | 92           | 89.6         | 10.6           | 7.9         | 92.1       | 11.8       | 91    | Very Effective      |

### UV Warranty

15 years

### Burst Strength – AS2001.2.4 -1990

Mean 4310 kPa

### Burst Force – AS2001.2.19 - 1988

Mean 2404N

### Tear Resistance/wing rip – AS2001.2.10 - 1986

Warp 213N, Weft 319N

### Break Force (Grab Test) – AS2001.2.3.2 - 2001

Warp 1200, Weft 3100N

### Elongation at break – AS2001.2.3.1 - 2001

Warp 64%, Weft 61%

**Product Performance and Suitability:** All of the descriptive information and recommendations for use of this product shall only be used as a guide. Furnishing such information in no event constitutes a warranty of any kind. Buyers shall independently test and determine the suitability of the material for the purpose for which it is intended. No one is authorised to give any warranty, guarantee or make any representation in addition or contrary to the above.

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