

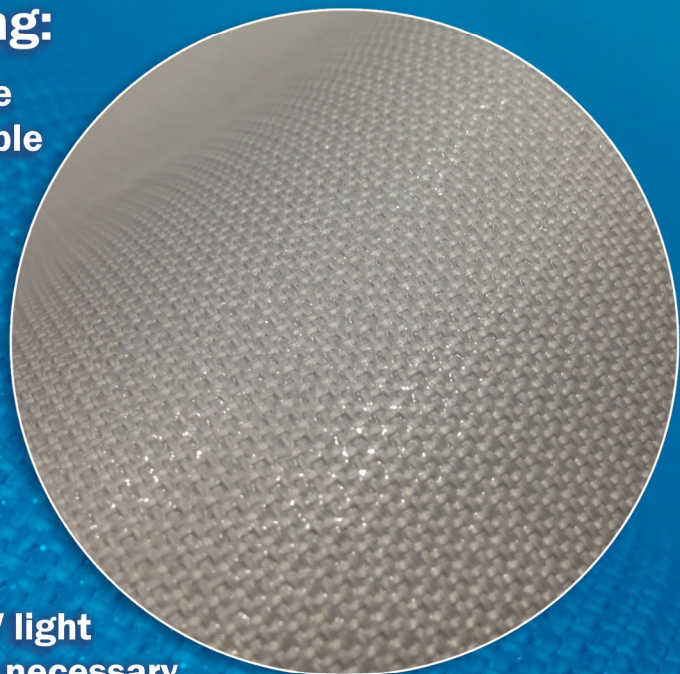


# SILICONES FOR WOVEN GLASS FIBRE IMPREGNATION

Used for thermal insulation, smoke & fire protection, industrial and architectural applications; silicone coated textiles offer flexible solutions for the most demanding environments.

## Advantages of using a silicone coating:

- Due to the outstanding physical properties of the silicone, coated glass fibre fabrics are very flexible over a temperature range of  $-50^{\circ}\text{C}$  to  $+200^{\circ}\text{C}$ .
- The hard-wearing, high quality silicone coating improves soil resistance and is easy to clean, maintaining the desired look and feel of the fabric.
- It is extremely weatherproof and durable, designed for long-term outdoor use.
- Silicone coated glass fibre filters out harmful UV light but allows the transmittance of UV wavelengths necessary for plant growth.
- The coated material has good fire retardancy and at high temperatures the product does not emit poisonous gases or flaming particles.



Typical Properties				
Product Name	QLE 1032	QLE 1035	QLE 1035 PLE	QLE 1037
Hardness	27 Shore A	46 Shore A	46 Shore A	60 Shore A
Gel Time	> 72 hours	23 hours	> 24 hours	> 24 hours
Viscosity	100,000 mPa-s	16,436 mPa-s	16,436 mPa-s	126,000 mPa-s
Colour	White	White	White	Beige
Tensile	1.24 Mpa	1.37 Mpa	1.37 Mpa	5.72 Mpa
Elongation	350%	170%	170%	190%
Mix Ratio	10:1	10:1	10:1	1:1

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