

# TECHNICAL DATA SHEET

**SK4GV-1**  
**Glass Veil**

## ► DESCRIPTION

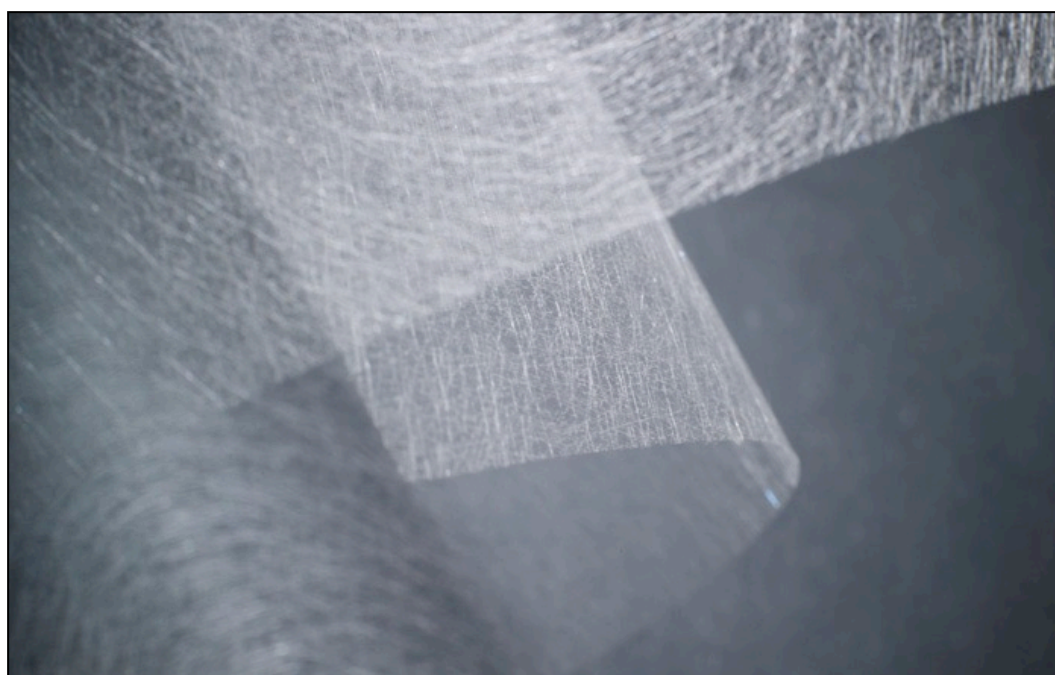
SK4GV-1 is a nonwoven E glass fibre veil, made using a unique wet-forming process based on the principles of papermaking, this results in a very even distribution of fibres in the plane of the sheet.

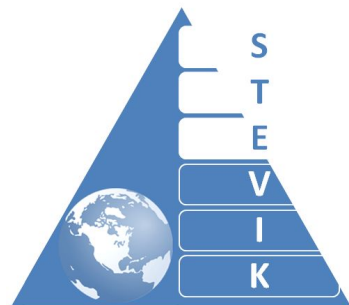
Fibres are bonded with tailored levels of organic binders to optimise end use strength and flexibility. Binders can be selected for compatibility with the resin and may be soluble or insoluble in the resin to aid processing.

The veils offer means of applying surface engineering solutions to the problems encountered when using composites in highly demanding technical applications. This product is used in various manufacturing processes of parts made of composite materials.

## ► TECHNICAL DATA

Material type:	E glass
Fibre length:	12 mm
Fibre diameter:	6µm and 11µm
Binder type:	PVA (Poly vinyl alcohol)
Max. roll width:	1625 mm
Min. roll width:	10 mm
Roll length:	150 m





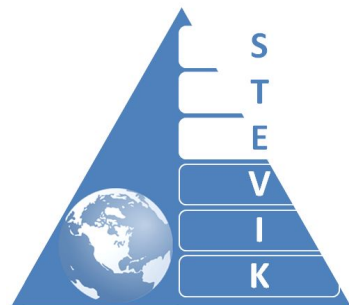
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## ► SIZE

Areal weight	Fiber thickness [μm]	Thickness	Tensile strength MD [N/15 mm]
10g/m <sup>2</sup>	6	0,08mm	13
10g/m <sup>2</sup>	11	0,10mm	12
17g/m <sup>2</sup>	11	0,15mm	20
22g/m <sup>2</sup>	11	0,19mm	26
30g/m <sup>2</sup>	11	0,27mm	36
34g/m <sup>2</sup>	11	0,29mm	41
42g/m <sup>2</sup>	11	0,35mm	50
46g/m <sup>2</sup>	11	0,38mm	55
50g/m <sup>2</sup>	11	0,42mm	60
200g/m <sup>2</sup>	11	1,50mm	140

Reference to order	Areal weight	Width	Length
SK4GV-1WH10G100150T	10g/m <sup>2</sup> (6μm)	1000mm	150
SK4GV-1WH10G100150	10g/m <sup>2</sup> (11μm)	1000mm	150
SK4GV-1WH17G100150	17g/m <sup>2</sup>	1000mm	150
SK4GV-1WH22G100150	22g/m <sup>2</sup>	1000mm	150
SK4GV-1WH30G100150	30g/m <sup>2</sup>	1000mm	150
SK4GV-1WH34G100150	34g/m <sup>2</sup>	1000mm	150
SK4GV-1WH42G100150	42g/m <sup>2</sup>	1000mm	150



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## SK4GV-1 Glass Veil

SK4GV-1WH46G100150	46g/m <sup>2</sup>	1000mm	150
SK4GV-1WH50G100150	50g/m <sup>2</sup>	1000mm	150
SK4GV-1WH200G100150	200g/m <sup>2</sup>	1000mm	150

Shelf life: unlimited. Storage conditions: it is recommended to store at temperatures between +10°C and +30°C in original packing, protected from direct sun and heat source.

### ► NOTE

Other values of areal weight are possible when the order exceeds 1000m<sup>2</sup>.

Please contact us for get information about MOQ for each product.

Surface resistivity is measured using a Vermason 75mm square contact block. The test sample size fits the contact blocks. There is no pressure applied to the sample during testing. Applied pressure would reduce the surface resistivity values.