TECHNICAL DATA SHEET

SK4CV-1

Carbon Veil

► DESCRIPTION

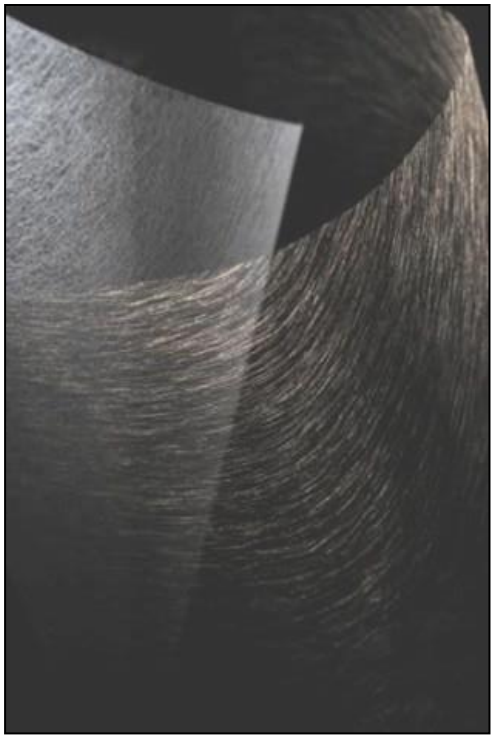
SK4CV-1 is a nonwoven carbon fibre veil with PVA binder that is made using a unique wet-forming process based on the principles of papermaking. It results in a very even distribution of fibres in the plane of the sheet.

Fibres are bonded with tailored levels of organic binders to optimise and 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.

Veil 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:	PAN Carbon
Fibre Length:	6mm and 12mm
Fibre diameter:	7µm
Binder:	PVA (Poly vinyl alcohol)
Max. roll width:	1650 mm
Min. roll width:	10 mm



► SIZE

Areal weight	Thickness	Tensile strength MD [N/15 mm]	Tensile strength CD [N/15 mm]	MD Surface Resistivity [ohm/sq]	CD Surface Resistivity [ohm/sq]
8 g/m²	0,12mm	14	7	10	22
10g/m²	0,14mm	18	9	8	12
17g/m²	0,21mm	31	15	5	14
20g/m²	0,24mm	36	18	4	9
30g/m²	0,37mm	54	27	3	7
34g/m²	0,41mm	61	31	3	7

Reference to order	Areal weight	Width	Length
SK4CV-1BK8G100150	8 g/m²	1000mm	150
SK4CV-1BK10G100150	10g/m²	1000mm	150
SK4CV-1BK17G100150	17g/m²	1000mm	150
SK4CV-1BK20G100150	20g/m²	1000mm	150
SK4CV-1BK30G100150	30g/m²	1000mm	150
SK4CV-1BK34G100150	34g/m²	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 till 400g are possible when the order exceeds 1000m².

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.