

AK Carbon

Product Code: UC300-GR

Product Series: Dry Carbon Fabric



Technical Data Sheet

RAW MATERIAL PROPERTIES

Tensile Strength	5.00 GPa	720 Ksi
Tensile Modulus	235 Gpa	34 Msi
Elongation	2.1%	
Density	1.82 g/cm ³	

PHYSICAL PROPERTIES

	SI	US	Testing Standard
Fabric Weight	300 ± 15 g/m ²	8.85 oz/yd ²	ASTM D3776
Weave Style	Unidirectional		

CONSTRUCTION

Density	Warp count:	9.0 ± 0.5/in	ASTM D3775
	Weft count:	8.0 ± 1.0/in	ASTM D3775
Fabric Thickness	0.40 ± 0.05 mm		ASTM D1777

DIMENSION

Roll Width	500, 1000 (-0,+10) mm	ASTM D3774
Roll Length	50 m	ASTM D3773

Quality Assurance

AK Carbon Fabric is manufactured under a Quality Management System approved by ISO 9001

Packaging

AK Carbon Fabrics are wound on 7cm diameter core, wrapped in stretch film, secured by bubble wrap, and packed in standard carton box.

Listed below are the standard box dimensions for specified fabric widths. All dimensions are internal measurements.

Fabric Width 500mm: 23cm x 79cm x 23cm

Fabric Width 1000mm: 21cm x 112cm x 21cm

Safety

Obtain, read, and understand the Material Safety Data Sheet (SDS) before use of AK Glass and AK Carbon Products

FOR FURTHER INFORMATION, PLEASE CONTACT US



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