



Technical Data Sheet: C-3D-2000gsm-400

Carbon 3D Weave 2000g/m² 400 mm wide

Warp	Carbon Fiber 3k (for tapered orders)	0.2 %
	Carbon Fiber 12k Standard Modulus	60 %
Weft	Carbon Fiber 12k Standard Modulus	40 %

Fiber Properties	
Carbon 12k	
Density (g/cm ³)	1.78
Tex (g/1000m)	800
Tensile Strength (MPa)	4,500
Tensile Modulus (GPa)	255
Elongation (%)	1.6
Sizing	Epoxy, Ve Compatible

Component	Material	Yarn linear density (Tex)	Warp Density (ends/10cm)
Warp			
	Carbon 12k	800	90
Weft	Carbon 12k	800	50
Width (mm) Can be tapered on one or both sides on request	400		
Total Fabric Weight	800 g/lm 2000 g/m ²		
Weave architecture	Complex 3D		

Typical Packaging: Wound on Cardboard Tube and Shrink wrapped firmly.
Roll size: 20 l meter or preferred quantity on request.