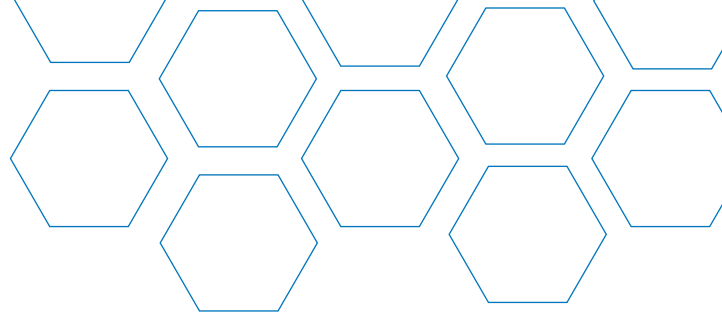




GATEWAY LLC
COMPOSITES



PW200 Plain Weave Carbon 200g/m² – 5.8oz/yd²

GCCF03KPW200 is a plain weave, high strength, non corrosive carbon fiber fabric oriented in the 0° and 90° directions. The fabric is field laminated with a resin system to create a carbon fiber reinforced polymer (CFRP) system to reinforce structures such as buildings, parking garages, tanks, pipes, bridges, stacks and piling including walls (poured and masonry), columns, beams, slabs and pile elements.

Product ID:	GCCF03KPW200-12
Description:	3K Carbon Fabric, Plain Weave, 200 gsm
Raw Material:	3K Carbon Fiber
Weave:	Plain Weave
Construction	12.5 epi (±0.5) x 12.5 ppi (±0.5)
Carbon Weight:	200 gsm (±10 gsm) (5.8 oz/yd ² ± 0.4)
Width*:	12 inch (±0.5 inch)
Edge Type:	Leno
Std. Roll Size:	100 linear yard

PROPERTIES

Carbon Fiber Properties (Lot Average)

	English	Metric
Tensile Strength	512 ksi	3530 MPa
Tensile Modulus	33.4 msi	230 GPa

Cured Laminate Properties*

Tensile Strength (ASTM D3039)	84,000 psi	581 MPa
Tensile Modulus (ASTM D3039)	6,000 ksi	41 GPa
Elongation at Break (ASTM D3039)		1.5%
Thickness (ASTM D3039)	.012 in	0.30 mm

Carbon Fiber Properties are confirmed by Certificate from the fiber manufacturer. *Cured Laminate Properties* are typical. The properties do not constitute any warranty or guarantee. All values are for material selection purposes only. The customer must determine suitability of any information or material for any contemplated use and assumes all risk. This information is for use by technically skilled persons at their own discretion and risk.

120 East Hwy A
Wentzville MO 63385
636.887.0637

Fax: 636.548.2288
info@gatewaycomposites.com
gatewaycomposites.com

