

# AK Glass



Product Code: 103-AC

Product Series: Glass Fiber Mesh

## Technical Data Sheet

### PRODUCT APPLICATION

AK Glass Fiber Mesh is coated by acrylic resin and designed for construction reinforcement applications

### PHYSICAL PROPERTIES

	<u>SI</u>	<u>US</u>	<u>Testing Standard</u>
Fabric Weight (after coating)	43 g/m <sup>2</sup>	1.27 oz/yd <sup>2</sup>	ASTM D3776
Weave Style	Leno		
Tensile Strength	<b>Warp direction:</b> ≥ 206 N/25mm	≥ 21 kg <sub>f</sub> /in	ASTM D5035
(after coating)	<b>Weft direction:</b> ≥ 206 N/25mm	≥ 21 kg <sub>f</sub> /in	ASTM D5035

### CONSTRUCTION

	<u>Mesh Opening</u>	<u>Density</u>	
	<b>Warp direction:</b> 8.1mm	3.0/in	ASTM D3775
	<b>Weft direction:</b> 6.0mm	4.0/in	ASTM D3775
Fabric Thickness	0.30 mm		ASTM D1777

### DIMENSION

Roll Width	290, 310, 1040 mm	ASTM D3774
Roll Length	100 m	ASTM D3773

### Quality Assurance

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

### Packaging

AK Glass 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 packing for specified fabric widths. All dimensions are internal measurements.

Fabric Width 1040mm: put on wooden pallet size 110cm x 132cm x 13cm

Fabric Width 290, 310mm: put in carton box size 111cm x 133cm x 86cm

### 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



#### ASIA KANGNAM COMPANY LIMITED

69/1 Moo 6, Tambol Thakam, Amphur Bangpakong, Chachoengsao, 24130 Thailand

Phone: (+66) 38 573 635

Fax: (+66) 38 573 636, (+66) 38 573 734

This information and data contained herein is offered solely as a guide in the selection of a reinforcement material. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. The values listed for weight, thickness, and breaking strength are greige values, unless otherwise noted. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose.