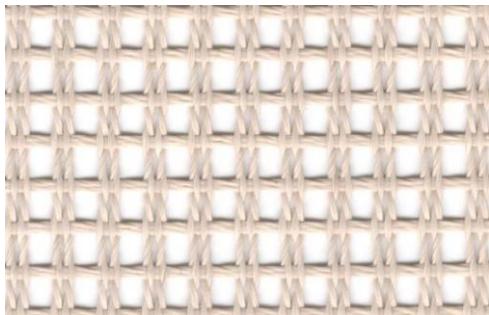


# FIBERFLOW™ 50 (05050)



## FIBERFLOW™ 50 (05050)

FIBERFLOW Shade Mesh Fabrics are designed for use in fixed, tensioned façade and shade applications. These fabrics use a high strength woven fiberglass fabric coated with PTFE that allows both light and air to flow through.

FIBERFLOW 50 Shade Mesh Fabric is the product of choice for applications where high strength, moderate shading with higher light transmission and air flow are desired.

Product	Product category	Coating
PTFE COATED GLASS MESH	ARCHITECTURAL MESH FABRIC	PTFE

Properties	Metric		Test Method
Standard usable width	3.810	mm	
Weight <sup>1</sup>	600	gr/m <sup>2</sup>	DIN 53352
Tensile strength - warp x weft (min. avg)	4.000 x 3.500	N/5 cm	DIN 53354
Tear strength - warp x weft (min. avg)	300 x 300	N	DIN 53363
Light transmission <sup>2</sup> at 550nm	55	%	
Fire test for building materials	A2-s1-d0		EN 13501-1
Burning characteristics	Class A		
Flame spread index	0		ASTM E84
Smoke development index	0		Tunnel Test
Combustibility of materials	Pass		ASTM E136
Color	WHITE		After sun-bleaching

<sup>1</sup>Weight is ±10%

<sup>2</sup>Values are for fully sun-bleached material.

All other values are nominal values.

Values listed are typical values for virgin roll goods only.

Values should not be used for specification purposes.

Specifications are subject to change without notice.  
Contact Fiberflon for more information.

FIBERFLON® FIBERFLOW™ Open Mesh Membranes are made of specially woven fiberglass fabric encapsulated with PTFE. PTFE is durable and unaffected by UV and the elements. Structures incorporating FIBERFLOW PTFE-Coated Mesh Fabrics are strong, beautiful and enduring. They require very little maintenance and will outperform all other shading systems over their 25+ year life.

The product does not contain banned substances as described in RoHS directive and will not affect RoHS compliance.

**TÜVNORD**

ISO 9001

This product has been manufactured in a facility certified by ISO 9001 Quality Management System.

All technical data are based on average values. These values are not intended for use in preparing specifications. Technical information contained herein are based on test results FIBERFLON believes to be reliable, but they are not to be construed in any manner as warranties expressed.  
All data is subject to change without notice.

[www.fiberflon.com](http://www.fiberflon.com)