

# PRODUCT SHEET

# PFC 20

The Permeable Floating Cover is comprised of recycled cross-linked polyethylene foam bonded with non-woven geotextile on one side of the mat. This product is designed to control algae and reduce evaporation from water treatment facilities, reservoirs, etc. The mat conforms to the values and test

PROPERTIES	TEST METHOD	US VALUE
<b>MATERIAL CHARACTERISTICS</b>		
Dimensions		Rolls 54" x 200" x 1"
Composition	95% Recycled, non-contaminated, post industrial, cross-link, closed cell polyethylene foam on polyester geotextile.	
Weight		1.5 LBS/SF
Thickness	ASTM 5199	20 mm (+/- 2 mm)
Light Blockage		> 95%
Density		4 - 6 LBS/SF
Long Term Design Strength		535 LBS/SF
UV Resistance		90 %
Bouyancy		> 52 LBS/FT <sup>3</sup> (displ. volume)
Application Temp. Range		-60° to +60° C
Chemical Resistance		Most Chemicals
<b>HYDRAULIC BEHAVIOR</b>		
Permittivity	ASTM D 4491	3.235 sec-1
Permeability	ASTM D 2434	>34 gal/min/SF
Water Absorption		< 1 Vol.%
Water Quality Test	NSF 61	Pass
Toxicity		non

PFC is a patent-pending technology



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**Applications:**

- Water Reservoirs
- Water Treatment Lagoons
- Aquaculture Ponds
- Holding Ponds for Irrigation

**3R FOAM**

Exclusively Distributed by:

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