



# THERMACROSS® FILM FILL

## ACCU-PAC®

Brentwood's ThermaCross Film Fill is a drop-in upgrade for standard 19mm-spaced, cross-fluted fills. It optimizes thermal efficiency and pressure drop to perform up to 7% better!



## Features

- MicroBoost™ design maximizes the air-water interface for increased thermal capacity
- Solvent welded or mechanically assembled and available with AccuShield and EcoChoice technologies
- Designed for use in nearly any clean water application, such as data centers, HVAC, district cooling, and treated industrial processes that use a standard 19mm cross-fluted product
- Available in material meeting Cooling Technology Institute (CTI) Standard 136

Efficiency



Fouling Resistance





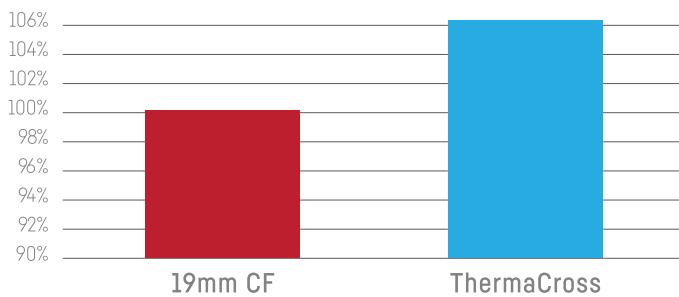
## ThermaCross Film Fill

Brentwood's ThermaCross Film Fill is designed to optimize thermal performance and pressure drop better than existing 19mm-spaced products. At higher fill heights, it can match the performance of 12mm-spaced, high efficiency fills.

ThermaCross achieves this level of efficiency by utilizing a patent-pending MicroBoost™ design to maximize the air-water interface, setting a new standard for cross-fluted, high-efficiency film fills.

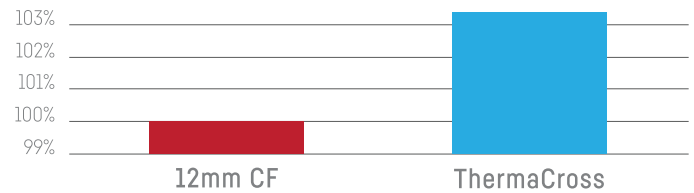
## ThermaCross Vs. Existing Products

Tower Capability - 5ft Fill Depth



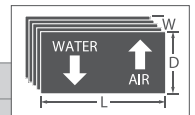
Modeled on a standard field-erected cooling tower.  
CF = Cross-Fluted.

Tower Capability - 4ft Fill Depth



Modeled on a standard factory-assembled tower.  
CF = Cross-Fluted.

## CROSS-FLUTED FILM FILL PRODUCT DETAILS



PRODUCT	SURFACE AREA	SHEET SPACING	FLUTE ANGLE	MEDIA PACK SIZES: Depth (D), Width (W), Length (L) – Inches (mm)		
				MINIMUM	MAXIMUM	STANDARD
CF1200	69 ft <sup>2</sup> /ft <sup>3</sup> (226 m <sup>2</sup> /m <sup>3</sup> )	0.46" (11.7 mm)	30°	D: 3.9 (99) W: 6 (152) L: 12 (305)	D: 11.8 (300) W: 12 (305) L: 120 (3048)	D: 11.8 (300) W: 12 (305) L: 72 (1829), 96 (2439), or 120 (3048)
ThermaCross	47 ft <sup>2</sup> /ft <sup>3</sup> (154 m <sup>2</sup> /m <sup>3</sup> )	0.75" (19 mm)	22°	D: 5.9 (150) W: 6 (152) L: 12 (305)	D: 23.625 (600) W: 24 (610) L: 144 (3658)	D: 11.8, 23.625 (300, 600) W: 11.8 (300) L: 72 (1829), 96 (2439), or 120 (3048)
CF1900	48 ft <sup>2</sup> /ft <sup>3</sup> (157 m <sup>2</sup> /m <sup>3</sup> )	0.75" (19 mm)	31°	D: 6 (152) W: 6 (152) L: 12 (305)	D: 24 (610) W: 24 (610) L: 120 (3048)	D: 12, 24 (305, 610) W: 12, 24 (305, 610) L: 72 (1829), 96 (2439), or 120 (3048)
CF1900SS	48 ft <sup>2</sup> /ft <sup>3</sup> (157 m <sup>2</sup> /m <sup>3</sup> )	0.75" (19 mm)	27°	D: 12 (305) W: 6 (152) L: 24 (610)	D: 12 (305) W: 12 (305) L: 72 (1829)	D: 12 (305) W: 12 (305) L: 48, 72 (1220, 1829)
CFS3000	31 ft <sup>2</sup> /ft <sup>3</sup> (102 m <sup>2</sup> /m <sup>3</sup> )	1.18" (30 mm)	30°	D: 12 (305) W: 6 (152) L: 12 (305)	D: 24 (610) W: 24 (610) L: 120 (3048)	D: 24 (500) W: 12, 24 (315) L: 72 (1829), 96 (2439), or 120 (3048)

\* Reference Brentwood's online Applications Manual to determine guidelines on water quality.



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