

Product Specification

XF75 – Crossflow Film Fill

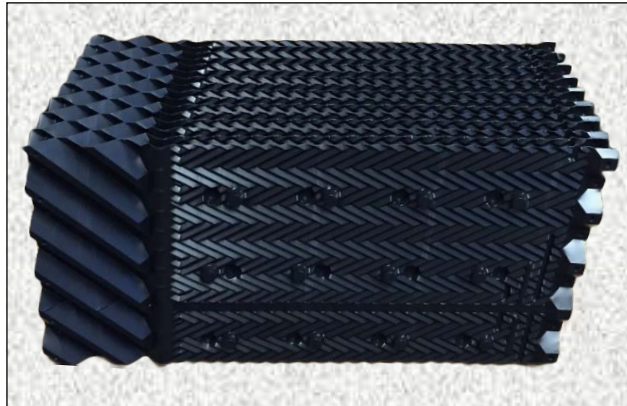


Product Description

XF75 is a crossflow film fill designed for use in light industrial and HVAC cooling towers. The fill packs are constructed from individual sheets of UV protected PVC formulated for cooling tower applications and in compliance with CTI-136. The fill packs will operate satisfactorily in continuous operating temperatures of 125°F or less.

The surface of the fill has an engineered microstructure to improve heat transfer. The individual sheets are strategically bonded together at “DEDICATED JOINTS” with a male/female connection and a destructive connection. The final assembly results in a staggered pattern of flutes to form a structurally sound honeycomb pattern.

XF75 is available with or without integral louvers and/or drift eliminators. For cooling towers with high air velocities, XF75 should be paired with CES SDRU-16 drift reduction units to insure satisfactory drift rates.



CES XF75

Applicable Commercial Standards

Property	Test Method	Typical Values
Specific Gravity	ASTM-D792	1.41 ± 0.04
Tensile Strength (psi)	ASTM-D638	5500 min
Tensile Modulus (psi)	ASTM-D638	3.5 x 10 ⁵ min
Flexural Strength (psi)	ASTM-D790	10,000 min
Flexural Modulus	ASTM-D790	3.5 x 10 ⁵ min
Heat Distortion Temperature (°F)	ASTM-D648	162 min
Flammability 1	UL94 Vertical Burning	94V-0
Flammability 2	UL94 Horizontal Burning	94H-B
Flame Spread	ASTM-E84	25 or less

ASTM methods shown above are based on the Annual Book 1999 and have been modified to suit practical conditions.

For dimensions and/or physical properties different from those listed above or special requirements including weatherability, flammability, etc., contact CES for agreement on the specifications.

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Product Dimensions

Description	Units	Value
Flute Height	Inches	0.75
Nominal Sheet Thickness	Inches	15 mils
Surface Area	FT ² /FT ³	51
Module Depth	Inches	24.0/26.0
Module Width	Inches	12.0
Available Module Lengths	Inches	48/72/96/120/144
Available Module Angles	Degrees	5.0/7.5/10.0

Custom module sizes and thickness can be tailored to customer specification. Contact CE Shepherd Co for details.

CE Shepherd Company L.P.
 2221 Canada Dry Street | Houston, TX 77023
 713.924.4300 (Main) | 713.928.2559 (Fax)
 Email coolingtowers@ceshepherd.com

