



## **OPTI-BAR™ Splash Fill**

### *The Most Efficient Splash Bar Available For Crossflow and Counterflow Applications*

Physical Properties	ASTM Test	Units	Value
Density	D1505	g/cm <sup>3</sup>	= / - 0.953
Tensile Strength (yield)	D638	lb/in <sup>2</sup>	> 4,000
1% Flexural Modulus	D790	lb/in <sup>2</sup>	> 170,000
Tensile Impact Strength	D1822	ft lb/in <sup>2</sup>	> 30

If your cooling tower application is crossflow or counterflow and it demands superior thermal performance or is particularly prone to fouling then Opti-Bar is the product of choice. The open mesh design of Opti-Bar resists fouling and eliminates the streaming and channeling of water that is common with typical bar fills, and the open areas between mesh strands allow water droplets to pass through the bar and be cooled by the air passing under the bars. The result is substantially improved thermal heat transfer when compared to other splash fills commonly used in cooling tower applications.



The patented tubular design offers greater strength than typical PVC splash bars in order to span larger distances between supports. The open mesh design allows Opti-Bar to be secured to its supports and held firmly in place without the use of separate retainers or additional wear pads that are commonly required by other splash fill designs.

Opti-Bar is manufactured from High Density Polyethylene, which is resistant to chemical and biological attack, acids, alkalis and hydrocarbons. Opti-Bar contains UV inhibitors

and can operate continuously in 145°F water temperature. Opti-Bar can be manufactured in any length you specify at no additional cost.

Contact EvapTech for guideline specifications and application recommendations.

**Technology for the Future, Available Today**



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