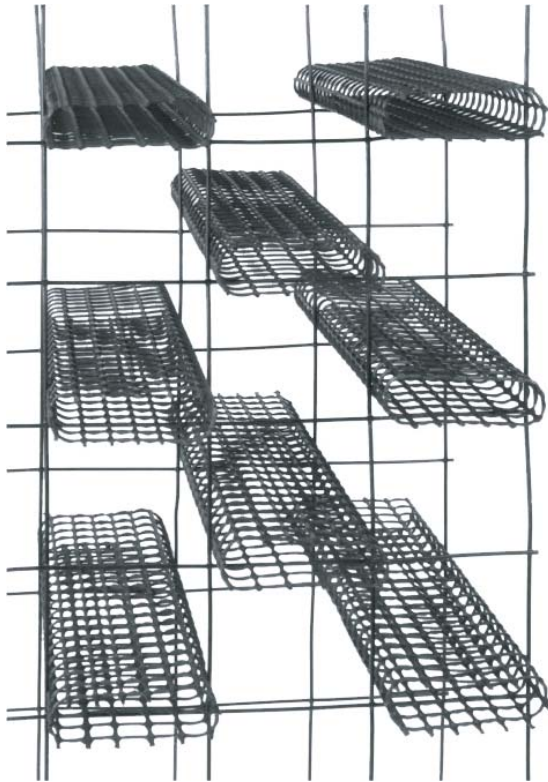


4" OPTI Bar Polypropylene Fill

Opti-Bar splash fill is a patented product developed by Tower Components, Inc. in 1993 for crossflow and counterflow cooling tower heat transfer applications.

In a recent major research study by an independent consulting firm, Opti-Bar was tested for performance and compared to all other splash fills available in the market today.

The test results showed that Opti-Bar was at least 10% more efficient than the nearest competitive design.




The patented tubular design offers greater strength than existing splash bars in order to span greater distances between wire supports. The design configuration allows Opti-Bar to be secured in the wire mesh supports and held firmly in place without the use of additional support pads, which are commonly required by other splash fill designs.

The mesh design of Opti-Bar eliminates the streaming and channeling of water common with standard bar fills, and the open areas between mesh strands allows water droplets to pass through the bar and be cooled by the air passing under the bar. The dead space, typically found under other bar fills is a major design flaw that degrades tower performance. 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.

As an option, Opti-Bar is available with a FSR of < 25 using Polypropylene and flame retardant additives.

Opti-Bar is manufactured to a nominal width of 4-1/8", and height of 1-1/4". When Opti-Bar is installed in standard 4 x 4 or 4 x 8 wire mesh, the 4-1/8" wide bar compresses slightly to secure the bar in the wire mesh. No additional supports or attachments are required to secure Opti-Bar to the wire mesh.

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