Opti-Pac 7500 XF/ 7500IL / 7500ID

Opti-Pac 7500XF, 7500IL (integral louver) and 7500ID (integral drift eliminator) film fill media is designed to replace OEM hanging fill sheets in crossflow cooling towers applications. The media is fabricated from rigid, thermoformed PVC sheets that are solvent welded for maximum strength and are resistant to UV, rot, fungus, organic / inorganic solvents, acids, alkalis and chemicals normally found in cooling tower waters. The fill modules meet the requirements of the CTI standard for rigid PVC, STD-136.

Modules are fabricated in 24" air travel depths, 12" widths and in lengths up to 12 feet. Standard PVC sheet mil thickness is 10 and 15 mil, after forming. Sheet spacing is 0.75". Heat transfer area (wetted surface) is 51 ft2 per ft3. Weight per cubic foot is 1.60 lb for 10-mil and 2.40 lb/ft3 for 15-mil. Custom dimension modules are available upon request.

PVC sheets have the following properties:

Physical Property	ASTM Test	Units	Value
Density	D772	gm/cm3	1.45 max.
Tensile Strength (yield)	D882	lb/in2	6,000 min.
Flexural Strength	D790	lb/in2	11,000 min.
Flexural Modulus	D790	lb/in2	425,000 min.
Elastic Modulus	D638	lb/in2	360,000 min.
IZOD Impact	D256	ft-lb./in.	1.0 min.
Impact Resistance	D4226	in. lbs. /mil	0.8 min.
Heat Deflection	D648	Deg F.	162 min.
Flammability	D635		Self extinguishing Less than 5 seconds
Flame Spread Rate	E 84		Less than 20

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