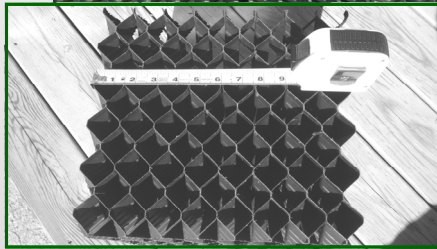
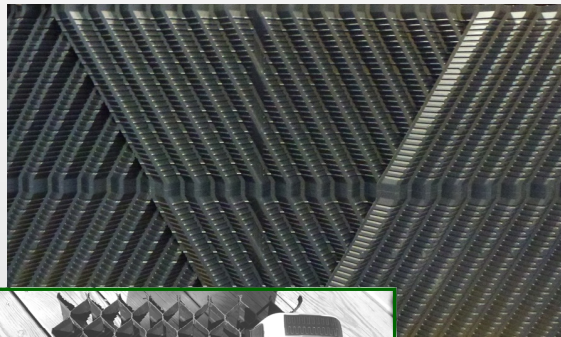
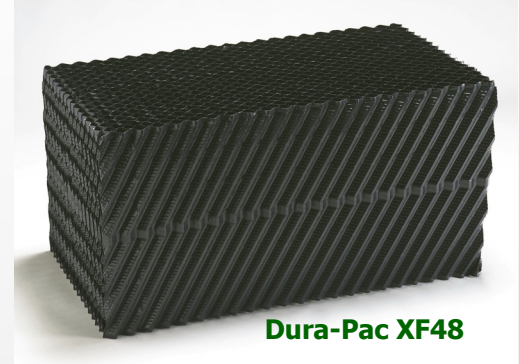


Cross-Fluted Fills for Counter Flow Towers

Dura-Pac XF48 is Raschig USA's cross-fluted modular film fill media manufactured of rigid PVC sheets which conform to CTI STD-136 for cooling tower heat transfer applications. Our Dura-Pac XF48 splits the water stream 8 times in a 12" vertical direction, thus improving water distribution through the fill pack. Ideal for counter flow applications, XF48 features a bonded edge and dedicated bond points throughout the pack.



Characteristics of Dura-Pac XF48:

- Manufactured of UV protected PVC sheets for long life.
- Exceptional thermal performance.
- Enhanced water redistribution throughout the pack.
- Solvent bonded for maximum sheet-to-sheet bond strength.
- Surface area (heat transfer area) of 48 ft²/ft³ (157.5 m²/m³)
- Available in 12", 24" and 48" depths, lengths up to 12 ft and widths from 6" to 24".
- Sheet spacing is 19mm (0.75"), 16 sheets per foot width.
- Typical product dry weight:
 - 1.7 lbs/ft³ for 10 mil AF (after forming) sheet thickness
 - 2.4 lbs/ft³ for 15 mil AF sheet.

Dura-Pac PVC Material Specifications: Individual sheet used in the manufacture of the media modules shall conform to commercial standards ANSI/ASTM D1784:12454B with the following physical properties when tested in accordance with the method indicated:

Property	Test Method	Unit	Typical Value
Specific Gravity	D792	g/cm ³	1.39 - 1.45
Tensile Strength	D638 / D882	psi	5,500 min.
Flexural Modulus	D790	psi	350,000 min.
Flexural Strength	D790	psi	10,000 min.
Stiffness in Flexure	D747	psi	425,000 min.
Gardner Impact Strength	D4226 Proc. B	in. lbs. / mil	1.2 min.
Tensile Impact Strength	D1822	Ft.lbs/in ²	255 min.
Heat Deflection	D648	°F	162 min.
Flammability	D635		self-extinguishing less than 5 sec.