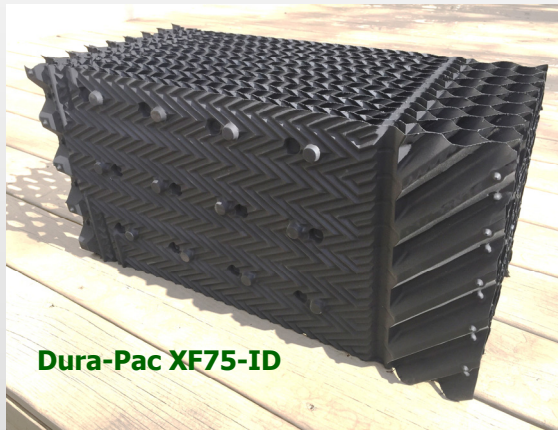
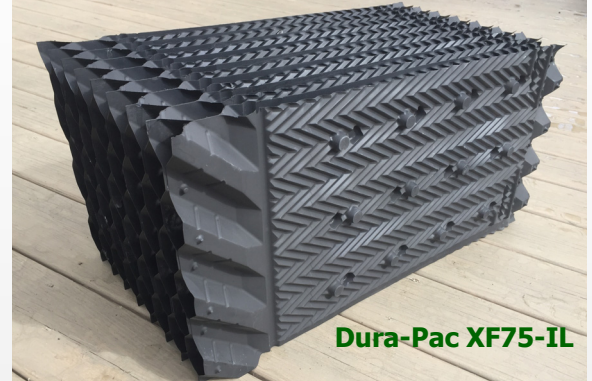


## Herringbone Fill for CrossFlow Towers

**Dura-Pac XF75 IL/ID** is Raschig USA's fill media incorporating a "herringbone" surface, manufactured of rigid PVC sheets which conform to CTI STD-136 for cooling tower heat transfer applications. The herringbone design evenly distributes water over the entire fill area, resulting in high thermal performance. Typically used in factory-assembled, package crossflow towers (HVAC and general industrial applications).



### Key Characteristics of Dura-Pac XF75-IL/ID:

- Manufactured of UV protected PVC sheets for long life.
- Material exceeds Cooling Technology Institute (CTI) Standard 136
- Exceptional thermal performance.
- Herringbone surface for excellent water distribution.
- Internal inter-connecting, bonded offsets to maintain sheet spacing.
- Solvent bonded for maximum sheet-to-sheet bond strength.
- Surface area (heat transfer area) of 51 ft<sup>2</sup>/ft<sup>3</sup> (167.3 m<sup>2</sup>/m<sup>3</sup>)
- Available in 24" depths, 12" width and various lengths (4, 6, 8, 10 ft)
- Sheet spacing is 19mm (0.75"), 16 sheets per foot width.
- Available with integral drift eliminators (XF75-ID) and inlet louvers (XF75-IL).

**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 <sup>3</sup>	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 <sup>2</sup>	255 min.
Heat Deflection	D648	°F	162 min.
Flammability	D635		self-extinguishing less than 5 sec.