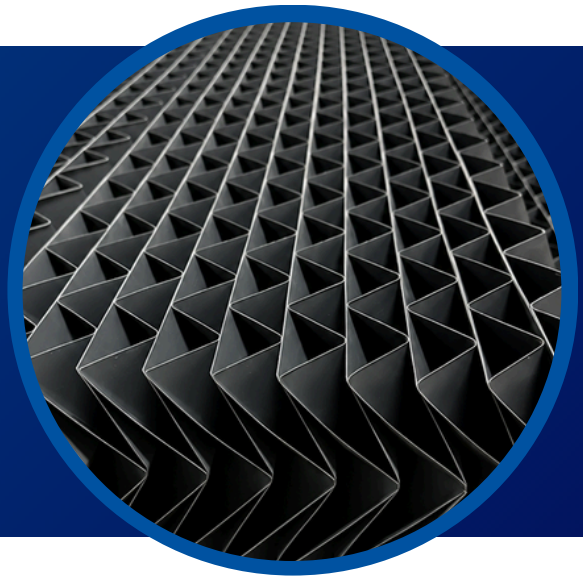
Palmetto Plastics INNOVATIONS

PTU12

High Efficiency Counterflow Drift Eliminator

Manufactured by **Palmetto Plastics Innovations**, the **Palmetto Tripass Ultra-Low Drift Eliminator** is a high-performance counterflow product designed for heavy **Industrial and Power** applications where drift levels of **0.0005%** of the circulating water flow is required. With over 30 years of proven performance, the PTU12 is the perfect solution for your counterflow cooling tower.



KEY FEATURES

MATERIAL

- Rigid PVC sheets conform to CTI STD-136 standards.
- Flame spread rating of 25 or less per ASTM E84.

APPLICATION

- Counter flow cooling towers requiring Best Available Technology (BAT) for drift control.

PERFORMANCE

- Limits drift levels to 0.0005% of cooling tower circulating water flow rate.
- Minimizes pressure drop to enhance overall cooling tower performance.
- Nesting design to provide ease of installation.

DESIGN FEATURES

- Solvent bonded, providing maximum sheet-to-sheet bond strength.
- Dedicated bond points throughout the back for durability.

PHYSICAL FEATURES OF PTU12

DIMENSIONS

- Modules are **5.75"** deep.
- Lengths ranging from **48" to 120"**.
- Widths available up to **24"**.
- Manufactured from **15 mil - 20 mil**.
- Heavier thicknesses available.

WEIGHT

Typical dry weight:

- **1.5 lbs/ft^3** for **15 mil** sheet thickness.
- **2.0 lbs/ft^3** for **20 mil** sheet thickness

*Palmetto Plastics Innovations is a leading provider of cooling tower fills and other plastics components for the cooling tower industry. We see innovation as a **WAY OF LIFE**, not merely an event.*

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MATERIAL SPECIFICATIONS

The PVC sheets used in **PTU12** conform to
ANSI/ASTM D1784:12454B standards and exhibit the following physical properties:

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 (<5 sec)

MADE IN USA



certified WBENC WOMEN'S BUSINESS ENTERPRISE

OUR VALUES

INNOVATION
Consistently ask if there is a better way to do things.

HONESTY
Tell the truth.

INTEGRITY
Do what we say we will do.

PROFESSIONALISM
Treat our customers with respect and courtesy.

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