

Palmetto OF: Vertical Offset Flute Low Fouling Film Fill

Manufactured by Palmetto Plastics Innovations, Palmetto OF provides a superior combination of performance and fouling resistance in Industrial and Power applications. With over 30 years of proven performance, Palmetto OF design is the ideal 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.

Performance:

- ▶ Offers exceptional thermal performance with moderate fouling resistance.

Application:

- ▶ Counter flow cooling towers with moderate levels of suspended solids (<200ppm).

Design Features:

- ▶ Bonded edges for stability.
- ▶ Solvent Welded for Maximum Strength and Pack Integrity.

PHYSICAL FEATURES OF PALMETTO OF

Dimensions:

- ▶ Available in depths of 12", 24", and 48".
- ▶ Lengths up to 12 ft.
- ▶ Widths ranging from 12" to 24".
- ▶ Available in 10, 15 and 20mil after-forming thickness.

Weight:

Typical dry weight depends on sheet thickness:

- ▶ 1.5 lbs/ft² for 10 mil AF (after forming) sheet thickness.
- ▶ 2.1 lbs/ft² for 15 mil AF sheet thickness.
- ▶ 2.7 lbs/ft² for 20 mil AF sheet thickness.

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



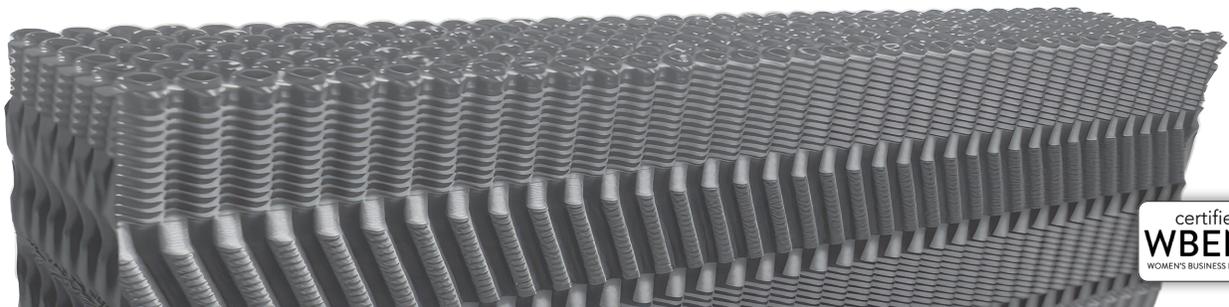
Made in the USA (Hardeeville, SC)



MATERIAL SPECIFICATIONS

The PVC sheets used in Palmetto OF 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)



OUR VALUES

INNOVATION
Constantly 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.