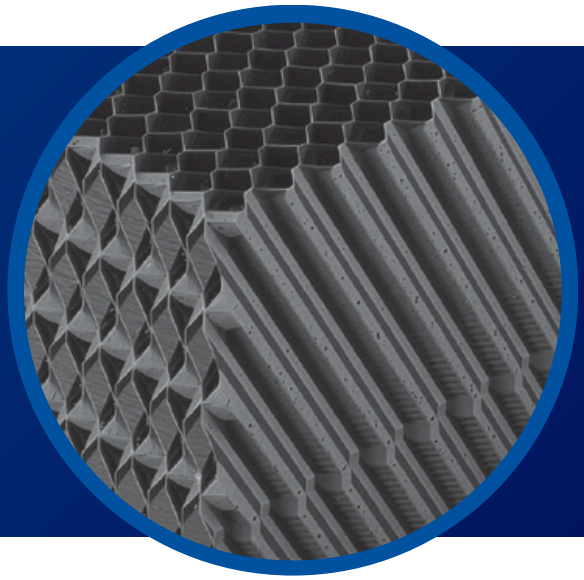
Palmetto Plastics INNOVATIONS

PCF1900

Cross-Fluted Modular Film Fill Media

Manufactured by **Palmetto Plastics Innovations**, the **PCF1900** is a high-performance fill media designed for **HVAC, Industrial, and Power** applications. With over 30 years of proven performance, the PCF1900 design 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 with low levels of suspended solids (<25ppm).

PERFORMANCE

- Offers exceptional thermal performance.
- Enhances water redistribution throughout the fill pack by splitting the water stream 8 times per 12-inches of air travel.

DESIGN FEATURES

- Bonded edges for stability.
- Dedicated bond points throughout the pack for durability.
- Features a surface area of 48 ft^2 / ft^3 for optimal heat transfer.

PHYSICAL FEATURES OF PCF1900

DIMENSIONS

- Available in depths of **6", 12", 24",** and **48".**
- Lengths up to **10 feet**.
- Widths ranging from **6"** to **12"**
- Sheet spacing is **0.75"** (**19 mm**) with **16 sheets** per **foot of width**.
- Available in **10 mil** and **15 mil** after-forming thickness.

WEIGHT

Typical dry weight depends on sheet thickness:

- **1.7 lbs/ft^3** for **10 mil AF** (after forming) sheet thickness.
- **2.4 lbs/ft^3** for **15 mil AF** 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.*

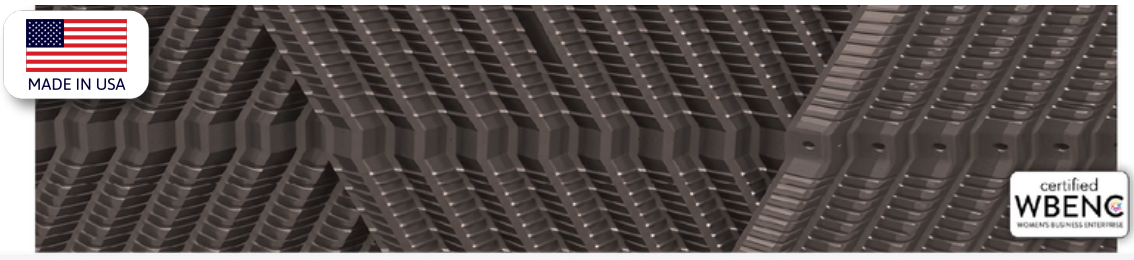
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PalmettoPlastics INNOVATIONS

MATERIAL SPECIFICATIONS

The PVC sheets used in **PCF1900** 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
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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