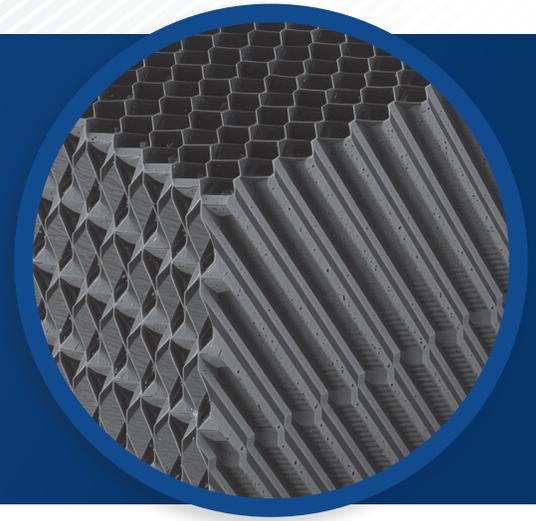


PCF1900: Cross-Fluted Modular Film Fill Media

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.

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.

Application:

- ▶ Counter flow cooling towers with low levels of suspended solids (<25ppm).

Design Features:

- ▶ Bonded edges for stability.
- ▶ Dedicated bond points throughout the pack for durability.
- ▶ Features a surface area of 48 ft²/ft³ for optimal heat transfer.

PHYSICAL FEATURES OF PCF1900

Dimensions:

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

Weight:

Typical dry weight depends on sheet thickness:

- ▶ 1.7 lbs/ft² for 10 mil AF (after forming) sheet thickness.
- ▶ 2.4 lbs/ft² for 15 mil AF sheet thickness.

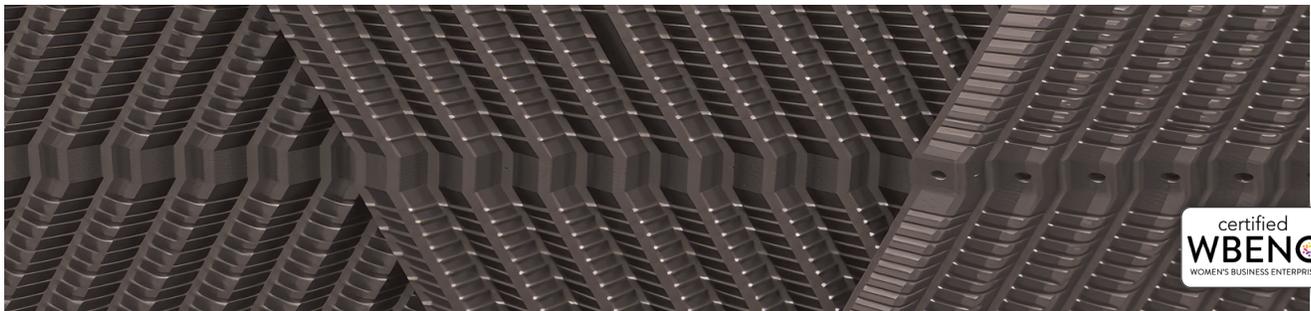
Palmetto Plastics Innovations is a leading provider of cooling tower fills and other plastic components for the cooling tower industry. We see Innovation as a **WAY OF LIFE**, not merely an event.



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
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.