Palmetto VC20

Vertical-Fluted Anti-Fouling Film Fill

Manufactured by **Palmetto Plastics Innovations**, **Palmetto VC20 Anti-Fouling Fill** is a high-performing low fouling fill media designed for **Industrial and Power** applications. With over 20 years of proven performance in the cooling tower industry and worry-free fouling resistance, Palmetto's VC20 design is the perfect solution for your counterflow cooling tower.

PVC20 Anti-Fouling fill provides a combination of superior fouling resistance and industry leading thermal efficiency. The unique combination of open, vertically fluted surfaces and strategically located horizontal corrugations provide for the maximum mixing of air and water. PVC20's vertical flutes minimize pressure drop.



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 high levels of suspended solids (<500ppm).

PERFORMANCE

- Offers strong thermal performance with exceptional fouling resistance.

DESIGN FEATURES

- Bonded edges for stability.
- Solvent Welded for Maximum Strength and Pack Integrity.
- Features a surface area of 38 ft^2/ft^3 for optimal heat transfer.

PHYSICAL FEATURES OF PALMETTO OF

DIMENSIONS

- Available in depths of **16", 24", and 48"**.
- Lengths up to **10 feet**.
- Sheet spacing is **0.8" (20mm)**, with 15 sheets per foot of width.
- Available in **10, 15,** and **20 mil** after-forming thickness.

WEIGHT

Typical dry weight depends on sheet thickness:

- **1.6 lbs/ft^3** for **10 mil AF** (after forming) sheet thickness.
- **2.0 lbs/ft^3** for **15 mil AF** sheet thickness.
- **2.4 lbs/ft^3** for **20 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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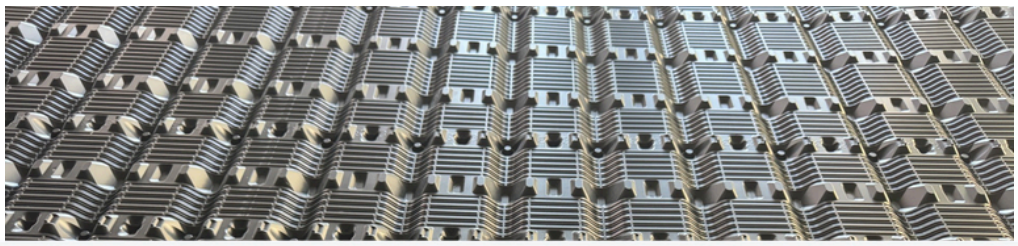
PalmettoPlastics INNOVATIONS

MATERIAL SPECIFICATIONS

The PVC sheets used in **PVC 20** 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



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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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