

I.W. Tremont Co., Inc.

Filter & Technical Specialty Papers

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Technical Data Sheet

Material Designation

HF-0033

Material Properties
Summary

Binderless *Organic Binder* *Double Laminated*
 Acrylic Binder *Laminated* *Hydrophobic*

This all glass filter material exhibits low air resistance with medium filtration efficiency and high capacity. It is suitable for use in either air or liquid application. This material contains an acrylic resin binder and a water repellent when required. It is required for ASHRAE applications in the efficiency range of 80-85%.

Micron rating

μm

Basis Weight

48

lbs/3,000 ft²
TAPPI Method T410

Caliper Thickness

.018

inches - 4 psi
TAPPI Method T411

Mean Pore Size

μm

DOP Smoke Penetration

45

% at 0.3 μm @
10.5 ft/minute

ASTM Method D-2986

Air Flow Resistance

3.6

mm H₂O @
10.5 ft/minute
ASTM Method D-2986

Tensile Strength MD

5.0

lbs / inches
TAPPI Method T494

Tensile Strength CD

4.0

lbs / inches
TAPPI Method T494

Dry Elongation MD

1.5

%

TAPPI Method T494

Dry Elongation CD

1.5

%

TAPPI Method T494

Frazier Permeability

36

ft³ / min / ft² @
0.5in H₂O W.G.

ASTM Method F778-82

Gurley Stiffness

1100

mg

TAPPI Method T543

Water Repellency

10 min.

Inches H₂O

Ignition Loss

% Loss

Comments:
