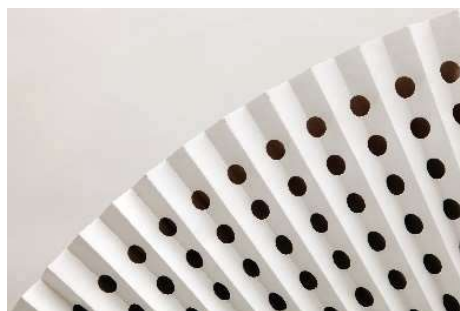


NOVABLAST

PLEATED CARDBOARD
FILTER -STANDARD



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Pleated Cardboard Filter – Standard

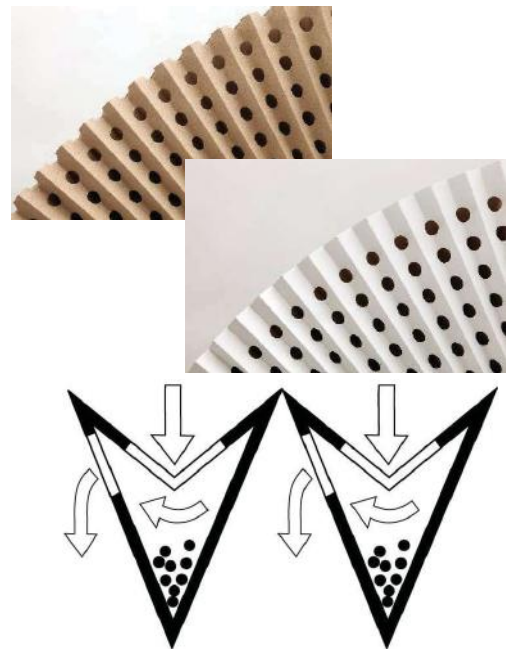
Accordion / Concertina / V-Type filter

The pleated cardboard filter is the most commonly used filter for air extraction in industrial spray booths worldwide, as it stands out for its high retention capacity and unmatched lifespan.

This filter is particularly suited for capturing mist and overspray of wet and sticky particles (such as paints, varnishes, resins, glues, etc.).

It is made up of two layers of recycled cardboard, perforated and pleated like an accordion, resulting in a linear pressure-drop curve similar to that of water curtain booths.

Novablast is a leading supplier of pleated cardboard filters for paint booths and also offers high-efficiency and large-capacity versions.



STANDARD HEIGHTS

- 1.25m
- 1.20m
- 1.10m
- 1m
- 0.90m
- 0.75m
- 0.70m
- Other dimensions available on demand

RECOMMENDED OPERATING CHARACTERISTICS

- Recommended frontal air velocity: from 0.30 to 1m/s
- Operational air velocity: from 1200 to 3600m³/h.m²
- Δp at 0.5m/s: 2mm H₂O/20Pa
- Maximum acceptable value at 0.5 m/s: 15mm H₂O/150Pa

Applications

Spray booths for:

WOOD

LEATHER/SKINS

Varnishes/Veneers/Windows/Doors/ Kitchens/
Furniture/Industrial carpentry

METAL

Paints/Framework/Steel & Aluminum/ Finishing

PLASTICS

raw materials

- 2 layers of recycled interkraft cardboard, 250g/m²
- Light pearlescent treatment to improve humidity and moisture resistance
- Perforation, pleating, and assembly with water-based glue

PERFORMANCE

- Separation efficiency: Up to 95%, depending on the sprayed product
- Suitable for filtering wet or sticky oversprays, whether water-based or solvent-based
- Retention capacity: From 5 to 18kg/m², depending on the nature and density of the sprayed product

AVAILABLE COLORS

- Brown face
- White face

Paints/UV paints/Automotive/Cosmetic industry

Pigmentation/Taning/Finishing