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Progressive Fiber Filter

Progressive fiber filter is made from recycled synthetic fiber for easy handling without the need for a mask or gloves.
Its progressive structure ensures better efficiency while guaranteeing a reduced replacement frequency.
With a lifespan up to three times longer than a classic fiberglass “paintstop” filter, this filter is particularly suitable for floor filtration or as a complement to a pleated cardboard filter for high-efficiency fine filtration in paint and varnish booth extraction systems.
Since 1992, Technicis Filtration has been a leading manufacturer of paint arresting filters for industrial spray booths.

Standard heights

•1m
•0,90m
•0,50m
Other dimensions available on demand

Performance

•Efficiency of filtration: up to 91% (G4) or 98% (M5)
•Initial pressure drop : 36 Pa (G4) or 65Pa (M5)

Applications

Filter for capturing mist generated during the spraying of paint, varnish, glues, resins, UV varnishes, chrome 6, or any other liquid, wet, sticky, or powdery products in booths for :

- WOOD : Varnishes / Veneers / Windows / Doors / Kitchens / Furniture / Industrial Carpentry
- METAL : Paints / Framework / Steel & Aluminium / finishing
- PLASTICS: Paints / UV paints / Automotive / Aeronautics / Cosmetic industry
- COMPOSITES: Gelcoat / Resins / Automotive / Aeronautics
- GLASS: Paints / UV paints / Automotive / Cosmetic industry
- LEATHER/SKINS: Pigmentation / Tanning / Finishing

Raw materials

- 100% recycled synthetic fiber with a progressive structure, 380 or 490 g/m² (depending on the model)
- 40 mm thickness for G4 efficiency version
- 50 mm thickness for M5 efficiency version

Recommended operating characteristics

- Recommended frontal air velocity: from 0.30 to 1 m/s
- Operating air velocity: from 1200 to 3600 m³/h.m²
- Δp at 0.5 m/s: 3mmH2O / 30 Pa
- Maximum acceptable value at 0.5 m/s: 15 mmH2O / 150 Pa

Variants

Available in 2 efficiency levels:
G4 efficiency: Suitable for automotive bodywork and industrial applications
M5 efficiency: Suitable for the cosmetics or aerospace industries (UV varnishes, chrome 6, etc.)