

GRAY MATTER® version 3.0 Specifications

SUBSTRATE:

INTREPID® 413H HVAC Filtration Media

Attributes & Properties

Intrepid® Filtration Media is made of continuous polyolefin fibers which are thermally bonded together. The patented process which produces INTREPID Media gives Kimberly-Clark engineers the ability to make a controlled gradient structure within the filter media. This fiber structure has increasing fiber density from the upstream to the downstream side. This media construction, coupled with a proprietary electrostatic treating technology, allows filters made with INTREPID Media to achieve high initial and sustainable filtration efficiencies.

Color:	White
Efficiency:	MERV 11
Air Permeability:	370 CFM /sq. ft.
Density:	3.0 OSY

ADSORBENT:

100% carbonized basal planes, from carbohydrates (Activated Carbon)
Pharmaceutical grade
Produced by chemical activation of wood
Molasses number (EUR) 115
Surface area (BET), m²/g 1700

DOSAGE:

1.13 grams of activated carbon per square meter



Gray Matter®

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