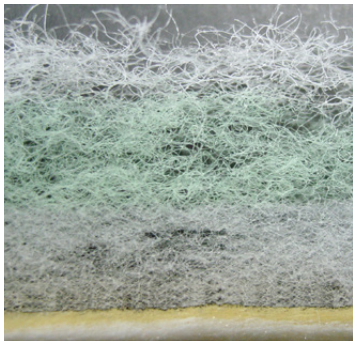
Tri-Cube™ MERV 11 4-Ply Extended Surface HVAC Air Filter

FEATURES

- High efficiency MERV 11 = cleaner air to breathe
- Depth loading media over 500 grams DHC = longer service life
- Extended surface area = energy savings
- Trapezoid shape = lower pressure drop
- Post-consumer recycled content = green initiatives
- No cardboard = moisture resistant
- Mold resistant = reduced microbials
- Self sealing = reduced bypass of unfiltered air
- Improved system efficiency = cleaner HVAC components



Cross section of Tri-Dek's progressive density media. Air flow travels from top to bottom.

▲ Tri-Cube™ MERV11

▲ Moisture damage and microbial growth on an inferior product

4-PLY EXTENDED SURFACE HVAC FILTER

Tri-Cube™ MERV 11 utilizes a unique combination of Tri-Dek® media that allows the filter to better manage the dirt load. Most filters use a media that collects dirt on the surface of the material—reducing service life and energy efficiency. Tri-Cube MERV 11 depth loads the contaminant, extending life and dramatically decreasing the overall life cycle cost.

Tri-Cube MERV 11's extended surface area and unique trapezoidal shape also deliver performance gains—minimizing the pressure drop and lengthening the service life.

When it comes to green initiatives, Tri-Cube MERV 11 makes an excellent choice. Along with the energy efficient performance, it also contains 21% fiber weight of post-consumer recycled content.

MOLD RESISTANT

Tri-Cube MERV 11 filter is resistant to moisture and mold—unlike traditional cardboard-framed filters.

The lack of moisture and microbial growth, combined with the elimination of the bypass of unfiltered air, can make a significant improvement in the systems efficiency, the overall quality of the air and air conveyance system.

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Tri-Cube™ MERV 11 Technical specification

HIGH EFFICIENCY

The Tri-Cube MERV 11 filter offers an initial removal efficiency of over 85% on particles from 3 to 10 microns, and an efficiency greater than 65% on particles from 1 to 3 microns in size. These are target particle sizes to reduce the risk on airborne infectious diseases, bio-terrorism and to reduce dirt accumulation in the air conveyance system.

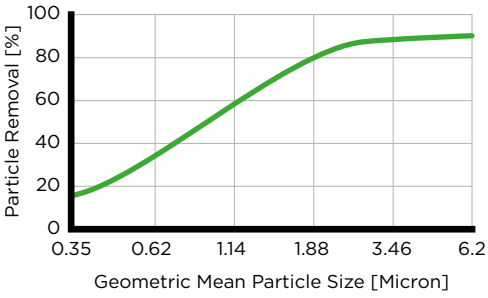
Contact your local sales representative for a free, no obligation survey and assessment of your filtration needs.

◀ (Left) Dirt accumulation on coils.

TECHNICAL SPECIFICATIONS

Product	**TRI-CUBE™ MERV11**
Media	Synthetic, 4 deniers
FInal Resistance	1.0 "W.G. *(249 PA)*
Resistance @ 500 FPM (*2.54 m/sec*)	
10" deep *(254 mm)*	0.52 "W.G. *(129 Pa)*
15" deep *(381 mm)*	0.42 "W.G. *(104 Pa)*
20" deep *(508 mm)*	0.37 "W.G. *(92 Pa)*

PARTICLE SIZE EFFICIENCY



Tri-Dim Filter Corporation is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria – there can be a ±5% variance in filter performance.

LOCAL REPRESENTATIVE

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