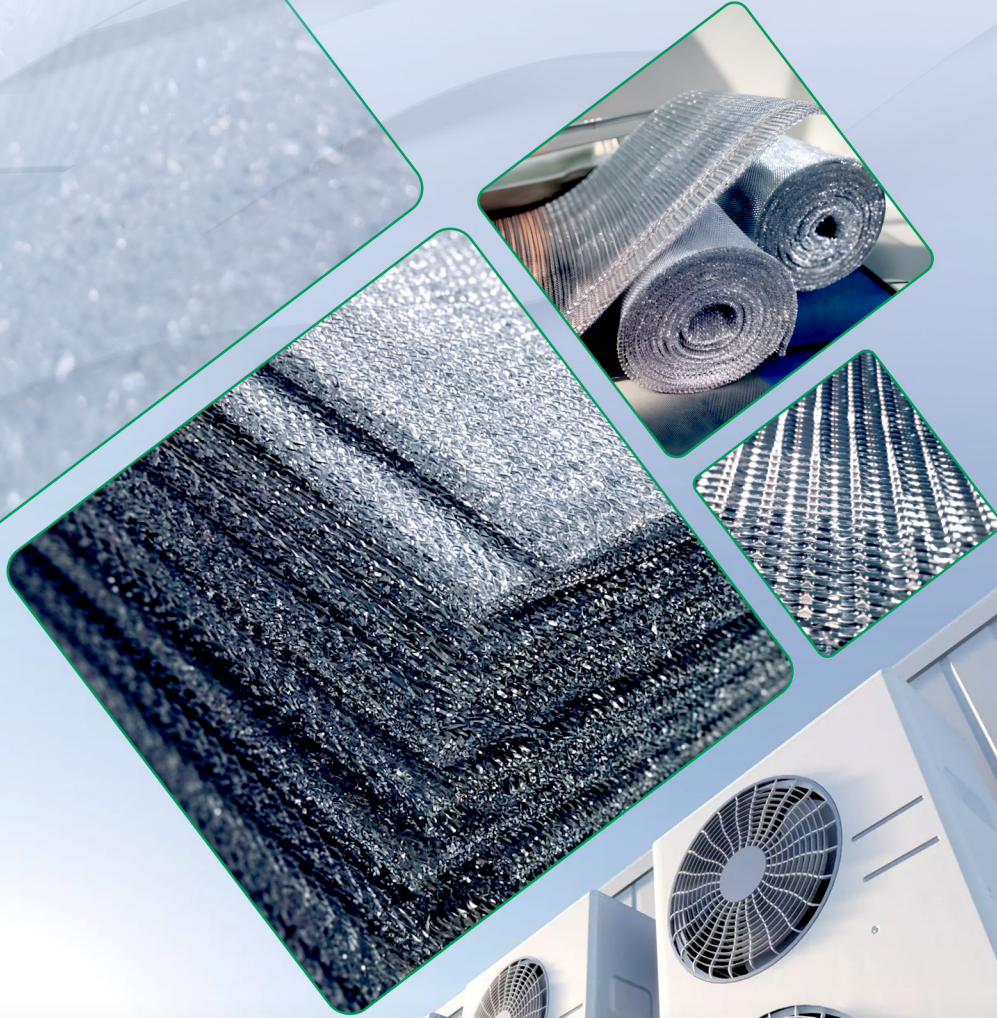


شركة رويال تك لصناعة فلاتر الهواء ذ.م.م
Royal Tech Air Filters Industry L.L.C



Reliable • Washable • Reusable • Sustainable
New Industrial Area, Umm Al Quwain, U.A.E

Company Overview

Royal Tech Air Filters Industry L.L.C (RAFIL) is a UAE-based manufacturer of high-quality aluminum washable air filter media for HVAC applications. Based in Umm Al Quwain, RAFIL delivers durable, efficient, and eco-friendly filtration solutions designed for residential, commercial, and industrial systems.

Application

RAFIL Aluminum Washable Air Filter Media is used in residential, commercial, and industrial HVAC systems to remove large airborne particles and coolant mist. It is ideal for outside air intake ducts, rooftop economizer hoods, and air handling units as a durable, washable pre-filter solution.

We control every stage of production to ensure purity and durability, using high-grade corrosion-resistant aluminum foil formed into a tightly crimped mesh for efficient dust capture.

Technical Details

Description: ASHRAE MERV vs. ISO 16890 RAFIL Aluminum Washable Air Filter Media High Quality Aluminum Foil Expanded Mesh with 5 Layers, 7 Layers, 9 Layers and 12 Layers.

Feature	Specification
Maximum Operating Temperature,	200°
16890,	ISO Coarse
EN779,	G2 / G3
ASHRAE 52.2,	MERV 4/5
INITIAL PRESSURE DROP,	25 Pa
FINAL PRESSURE DROP,	250 Pa





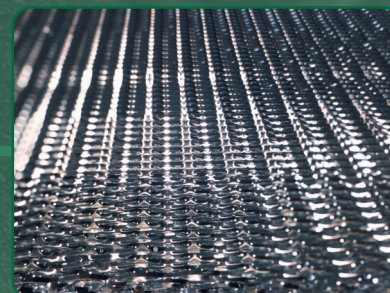
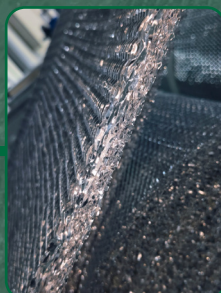
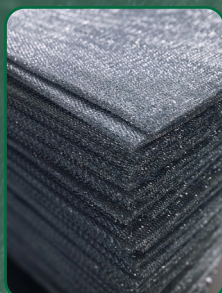
Product Range: Roll Sizes

MODEL	SIZE IN INCHES	No. of Layers
RAFIL2001	16" W X 50ft L X 3/16" T	5 Layers
RAFIL2002	20" W X 50ft L X 3/16" T	5 Layers
RAFIL2003	24" W X 50ft L X 3/16" T	5 Layers
RAFIL2004	40" W X 50ft L X 3/16" T	5 Layers
RAFIL2005	16" W X 50ft L X 1/4" T	7 Layers
RAFIL2006	20" W X 50ft L X 1/4" T	7 Layers
RAFIL2007	24" W X 50ft L X 1/4" T	7 Layers
RAFIL2008	40" W X 50ft L X 1/4" T	7 Layers
RAFIL2009	16" W X 50ft L X 5/8" T	9 Layers
RAFIL2010	20" W X 50ft L X 5/8" T	9 Layers
RAFIL2011	24" W X 50ft L X 5/8" T	9 Layers
RAFIL2012	40" W X 50ft L X 5/8" T	9 Layers
RAFIL2013	16" W X 50ft L X 1" T	12 Layers
RAFIL2014	20" W X 50ft L X 1" T	12 Layers
RAFIL2015	24" W X 50ft L X 1" T	12 Layers
RAFIL2016	40" W X 50ft L X 1" T	12 Layers



Sheet Sizes & Maintenance

MODEL	SIZE IN INCHES	No. of Layers
RAFIL1001	40" W X 64" L X 3/16" T	5 Layers
RAFIL1002	40" W X 64" L X 1/4" T	7 Layers
RAFIL1003	40" W X 64" L X 5/8" T	9 Layers
RAFIL1004	40" W X 64" L X 1" T	12 Layers



Filter Cleaning

Rinse the filter with a moderate to heavy stream of warm water.
Chemical cleaning and high-pressure steam are not recommended.



Certificates



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