High Performance for Any Environment

Gas turbine filtration and dust collection systems operate in the most challenging environments imaginable. They require high service intervals and durability against airborne contaminants found in adverse conditions throughout the world. H&V offers the broadest range of pulse-cleaned and static high-performance filter media that set the standard for efficiency, extended life, and reliability in the toughest environments.

Advanced Media for Evolving Demands of Gas Turbine Systems

The filters in today's gas turbine intake and dust collection systems must comply with an increasing number of demanding market needs. As an innovative materials leader, H&V offers several products to fulfill your requirements:

NanoWeb®
A Hollingsworth & Vose Innovation

NanoWeb® media greatly improves a filter's ability to remove particulates from air streams, making it ideal for gas turbine filtration and dust collection applications. Durable flame retardants (FR) meet newest OEM requirements.

H&V glass media for stationary gas turbine filter systems available for efficiency requirements from M6 to E12 (EN779:2012/EN1822) or MERV 8 to MERV 15 (ASHRAE 52.2).

In case of high humidity applications (coastal and off-shore), special media in the above efficiency classes are also available.

H&V synthetic media for stationary gas turbine or pulse-cleaning applications from MERV 11 to MERV 15 range improves durability and lifetime. H&V can modify and meet a wider range of surface chemistries (hydrophobic and hydrophilic) as required.

H&V is ready to provide a wide range of gas turbine solutions with multiple material types, levels of filtration performance, and durability in different environments to meet industry needs and requirements.

Product Portfolio

Classification			*Static*	*Pulsable*	
MERV	**EN779 / EN1822**	**ISO 29461-1**	**Glass**	**CE/Synth Blend**	**Synthetic**
Base Layer				✓	✓
MERV 11 MERV 12	M6	ISO T6		✓	
MERV 13	F7	ISO T7	✓	NanoWeb ✓	
MERV 14	F8	ISO T8	✓		
MERV 15 MERV 16	F9	ISO T9	✓	NanoWeb ✓	NanoWeb ✓
MERV 16	E10	ISO T10	✓		
MERV 16	E11	ISO T11	✓		
MERV 16	E12	ISO T12	✓		

Classification			*Environment*		
MERV	**EN779 / EN1822**	**ISO 29461-1**	**Arctic/Humid**	**Desert/Temperate**	**Urban**
Base Layer			✓	✓	✓
MERV 11 MERV 12	M6	ISO T6	✓	✓	✓
MERV 13	F7	ISO T7	✓	✓	
MERV 14	F8	ISO T8	✓		
MERV 15 MERV 16	F9	ISO T9	NanoWeb ✓	NanoWeb ✓	NanoWeb ✓
MERV 16	E10	ISO T10	✓		
MERV 16	E11	ISO T11	✓		
MERV 16	E12	ISO T12	✓		

- **Enhanced self-cleaning (pulse) performance with NanoWeb technology** extends filter life and reduces maintenance frequency.
- **Low pressure drop across media types** maximizes airflow efficiency and delivers significant energy savings.
- **Consistent and reliable particulate capture** ensures long-term gas turbine protection across all media designs.

About Hollingsworth & Vose

Hollingsworth and Vose is a global manufacturer of advanced materials used in filtration, battery, and industrial applications. Family-owned for seven generations, the company's origins go back to the early 1700s and we have evolved continuously since that time.

Today, H&V's advanced materials contribute to a cleaner world through their use in products that provide clean air, clean liquids, and energy storage. Our Company is headquartered in East Walpole, Massachusetts USA, with 13 manufacturing and research & development facilities in the Americas, Europe, China, and India.