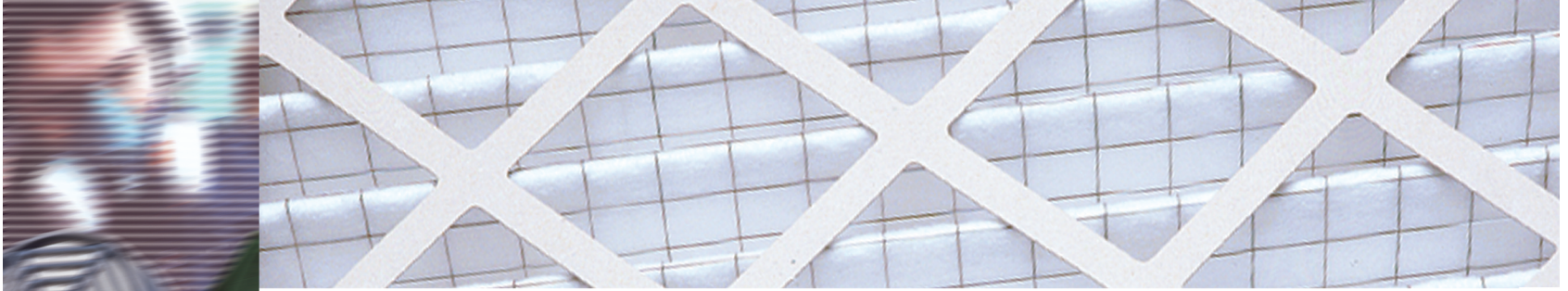


# TECHNOSTAT ELECTROSTATIC FILTER MEDIA



Wherever air filters are needed to protect users against hazards ranging from pollen to pollution and fine airborne contaminants, Technostat media is a must. As the innovative materials leader, H&V sets the standard for efficiency, performance, and longevity.

Technostat® electrostatically charged air filter media is the material of choice for technical and purchasing managers in filter manufacturing plants worldwide.

We choose the finest materials available and manufacture them under the highest standards. The results are widely acknowledged as the best quality and performance in the air filter media world in terms of cleanliness and most precise attention to customer requirements.

Our customers report that H&V delivers the industry's finest support and greatest ease of doing business, which help make Technostat the leading choice in air filter media.

**Superior performance.** When it comes to filtration efficiency, dust-holding capacity, low airflow resistance, and effective shelf life, there's almost no comparison. Technostat is proven to perform twice as well as and to maintain a significant performance edge over other media leaders.

**Dedicated collaboration.** Unlike other materials manufacturers, we collaborate closely with our customers to formulate and manufacture the specific air filter media needed.

**Wide use.** Technostat provides outstanding performance in applications such as respirators, vacuum cleaners, medical applications, vehicle cabins, and heating/ventilation/air conditioning (HVAC) uses in both residential and industrial capacities.

**Unsurpassed experience.** Technostat is the product of H&V's deep knowledge of and unequalled experience in materials technology. Established in 1843, Hollingsworth & Vose Company has supplied specialty, industrial, and technical papers and nonwovens for more than 165 years.

## Technostat benefits

- High sub-micron efficiency
- High dust-holding capacity
- Extremely low pressure drop (airflow resistance)
- Stable shelf life



## Ideal Applications



**Respirator.** Low airflow resistance means users breathe more easily through masks using Technostat media. Applications include filtering face pieces, molded or flat disposable models, cartridge/canister filters, and bags for powered helmets. Technostat materials meet all major respirator standards.



**Vacuum.** Today's powerful vacuum cleaners demand Technostat performance, washability, and durability in their primary filters. This material's low airflow resistance is also ideal for secondary filters. And its minimum 5-year charge-holding capability means longer life for any filter.



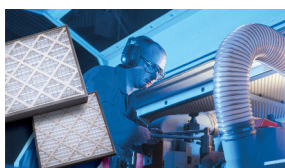
**Cabin.** Technostat's high efficiency and low airflow resistance maximize passenger protection while minimizing fan size and workload. The material also helps decrease engine demand (and thus fuel consumption) while boosting efficiency in cars, commercial and agricultural vehicles, trains, and aircraft.



**Medical.** The unsurpassed efficiency of Technostat media at removing sub-micron particles makes it the first choice in hospitals and clinics for respiratory support filters. Nothing else removes bacteria as effectively from medical environments and patient-equipment airways.



**HVAC domestic.** Technostat's low airflow resistance and excellent clean air delivery rating (CADR) help reduce fan size, energy use, and noise in portable and central air conditioning plus central heating filters. Technostat may be laminated to meltblown or mesh material for pleatability.



**HVAC industrial.** Air filtration and conditioning equipment in factories, office buildings, and retail environments can maintain smaller fan sizes and longer periods between filter changes with low-airflow-resistant Technostat.



**Hollingsworth  
& Vose**

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## Technostat Specifications

