



# **CHEMSORB<sup>®</sup> INDOOR AIR PURIFICATION CARBONS**

# CHEMSORB<sup>®</sup> DESIGNED TO PROTECT INDOOR SPACES

Chemsorb<sup>®</sup> activated carbons are optimized for indoor air quality applications. With a focus on health and safety, our solutions exceed compliance standards. Ensuring consistent performance for your filter, to provide a healthier indoor atmosphere for all.



# DESIGNED TO GIVE YOUR FILTER THE COMPETITIVE EDGE



Chemsorb® activated carbons are meticulously crafted to enhance indoor air quality. Our solutions are designed to ensure your filter provides a safe, healthy and compliant environment. Providing protection from potentially harmful airborne contaminants in spaces such as homes and commercial buildings.

## MAXIMISE YOUR FILTER PERFORMANCE

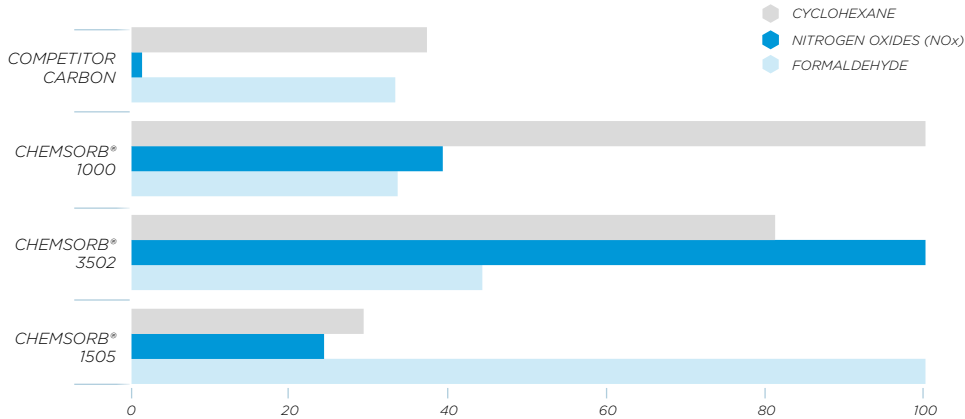
Chemsorb® activated carbons are uniquely designed to meet your filter's performance criteria. Clean air is provided by removing a diverse range of contaminants including organic vapor, acid gas, amine, ammonia, formaldehyde and mercury.

Carbon properties, particle size, pore system, surface chemistry and balance of gas can be customized to meet requirements.

## CHEMSORB®, YOUR COMPETITIVE EDGE

Trust Molecular Products with your performance design brief and we'll deliver an activated carbon to give your filter the market advantage.

### RELATIVE ADSORPTION CAPACITY BY CARBON TYPE, ORGANIC VAPOR AND NOx



## THE CHEMSORB® RANGE

The proven high performance and dependable quality of Chemsorb® is why leading global indoor air quality equipment manufacturers rely on it in their filters.

PRODUCT SERIES	CONTAMINANT	MP CUSTOMER FILTER TYPES
<b>Chemsorb® 620</b>	Ammonia & Amines	Ductless fume hood filters, US NIOSH ammonia respirator filters, European K-type respirator filters
<b>Chemsorb® 1000</b>	Organic Vapors	Semicon cleanroom filters, ultra-high purity (UHP) gas polishing, ductless fume hood filters, US NIOSH OV respirator filters, European A-type respirator filters
<b>Chemsorb® 1202</b>	Acid Gases	Semicon cleanroom filters, UHP gas polishing, ductless fume hood filters, US NIOSH acid gas respirator filters, European A/E-type respirator filters
<b>Chemsorb® 1321</b>	Mercury	Industrial process filters and ductless fume hood filters
<b>Chemsorb® 1505</b>	Aldehydes	Ductless fume hood filters, other air filters (allergy, airport, building types), US NIOSH formaldehyde respirators
<b>Chemsorb® MultiGard 3500</b>	VOC, Aldehydes, NOx	Indoor air quality filters (allergy, airport, building types)
<b>Chemsorb® MultiGard 3600/3800</b>	VOC, Acid Gases, Ammonia, Aldehydes, Inorganic Gases	Multi-gas respirator cartridges for US NIOSH and European ABE/ABEK





## OUR CAPABILITY

We maintain a highly qualified and experienced R&D team to help you with developing the right solution for your product. Our robust laboratory facility ensures unmatched quality of all products. Molecular Products is ISO 9001 and ISO 13485 certified.

We offer a mature line of high performance impregnated carbons, including metal oxide impregnated carbons, made in our Colorado, US, plant. We have commercially manufactured impregnated activated carbons in Colorado since 1985.

## OUR EXPERIENCE

Molecular Products is a global leader in impregnated activated carbons and other chemical technologies for the provision and purification of breathable air.

Our sorbents and systems are used globally for life-sustaining air purification in many applications:

- Indoor Air Quality filters such as allergy, airport and building types
- Personal Protective Equipment (PPE) such as breathing air respirators
- Collective Protection (ColPro) such as shelters and submarines

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