

PureLite®

Chemical adsorbent

Possible to make the optimum choice with our abundant lineup according to your intended purpose.



Tray type

Air conditioner built-in type

Duct connection type

Features

- Boasts of an overwhelming adsorption power compared with the conventional air-cleaning agent that is based on physical adsorption.
- The four functions, namely redox reaction, neutralization reaction, catalytic action, and physical adsorption produce a synergistic effect.
- The optimum adsorbent can be selected and combination can be made according to the type and concentration of the target gas, air volume and installation space.



White cylindrical shape



Red purple cylindrical shape



Red purple spherical shape



Black cylindrical shape



Black fractured shape

Types of target substances and media

Grade	Appearance	Size	Bulk density	Main target gas	Packing unit
A2	White cylindrical shape	φ3×(10±5)	0.70 - 0.80	Hydrochloric acid / Sulfuric acid / Nitric acid / Hydrofluoric acid	15kg/case
A3H	Black fractured shape	4×8 mesh	0.40 - 0.50	Hydrogen sulfide/Acetic acid/Organic acid/Sulfuric acid	12kg/case
E2	Red purple cylindrical shape	φ3×(10±5)	0.45 - 0.55	Hydrogen sulfide/Sulfurous acid gas Mercaptan/Ethylene Other complex odors	10kg/case
E3	Red purple cylindrical shape	φ3×(10±5)	0.60 - 0.70		15kg/case
E5	Black fractured shape	4×8 mesh	0.48 - 0.60		12kg/case
E5H	Black fractured shape	4×8 mesh	0.38 - 0.48		12kg/case
E30	Red purple spherical shape	φ4-φ6 sphere	0.74 - 0.84		Formaldehyde/ Mercury
G	Black fractured shape	4×8 mesh	0.46 - 0.56	Formaldehyde	15kg/case
GAR	Black fractured shape	4×8 mesh	0.45 - 0.55	Formaldehyde/ Acetaldehyde	15kg/case
F	White cylindrical shape	φ3×(10±5)	0.90 - 1.00	Alkaline gas (Ammonia/Amines)	15kg/case
F4	Black fractured shape	4×8 mesh	0.67 - 0.82		15kg/case
F4H	Black fractured shape	4×8 mesh	0.53 - 0.63		15kg/case
K	Black fractured shape	4×8 mesh	0.44 - 0.54	Organic solvent/Ozone	15kg/bag
KH	Black fractured shape	4×8 mesh	0.32 - 0.42	Organic acid/Nitrogen dioxide	12kg/bag
O2	Black cylindrical shape	φ3×(10±5)	0.45 - 0.55	Ozone/Chlorine/Nitrogen dioxide	10kg/case

※For terms of use, etc., please refer to the "Request" on the back cover.

Guide of SV value

Intended purpose	SV value for reference
Clean room related to semiconductors (outside air / circulation process)	3,000 - 20,000
Other clean rooms (outside air / circulation process)	5,000 - 30,000
Museum / Repository (acid / alkaline countermeasures)	20,000 - 60,000
Computer protection at factories etc. (air pollution)	10,000 - 60,000
Offices / Residential space of schools etc. (air pollution)	10,000 - 60,000
Odor removal at restaurant / kitchen and hospital, etc.	5,000 - 30,000
Removal of malodorous substances in laboratory and animal breeding houses etc.	5,000 - 20,000
Removal of malodorous substances in manufacturing plants	500 - 20,000
Removal of malodorous substances in sewage treatment plants	1,000 - 10,000