

## ATRI- BI-ON S



### Specifications

- It is a bituminous activated carbon with Sulphur (S)
- Has excellent physical properties of the carbon and the high Sulphur content
- Absorbs until 60% by weight
- No risk of desorption because of chemical reaction ( $Hg + S \rightarrow HgS$ )
- Suitable for a wide temperature range and humidity
- The final product is stable

### Target Pollutants

Mercury (Hg) vapours

Filter type; Chemical Filter

Media type; Impregnated with Sulphur (S)

Characteristic; High efficiency, activated carbon based

### Application Areas

Chlorine Production Plants, Landfill, Petrochemical Refineries

Characteristics	Value	Units
Pellet Diameter	4	mm
Bulk Density	586 ± 6	g/l
Surface Area	Min. 1050	m <sup>2</sup> /g
Humidity	<1	%
Hg Removal Capacity	>60	% in weight
CTC	60	%
Gas Removal Process	Chemisorption	-

### Application Guidelines

ATRI-Bi-On S works under the following application guidelines:

- Temperature: -20 °C till 50 °C (-4 F till 122 F)
- Humidity: 10 - 95% RH

**NOTE :** Remaining life of the media can be determined by desorption tests performed in specialized laboratory.

### Related Product



### DRUM SCRUBBER ( DS )

- It is a machine for low air flows, that without mist and grease pre-filter, move from 85 to 6.500 m<sup>3</sup>/h
- Can be connected to a ventilation tube and be used like a passive system of smell or environment control. The most common applications are water treatment plants, and water sewage purification
- Does not have pre-filter, final filter or grease and mist eliminator. They are made of standard polyethylene