

Granular Media

BRYSORB™ Series

for Gas Phase Filtration Systems



Bry-Air has a wide range of proprietary chemical media, the BRYSORB™ series, both available in granular and fluted media type. The BRYSORB™ series offers range of combination of activated alumina/carbon impregnated with various impregnants majorly Potassium Permanganate ($KMnO_4$), Phosphoric Acid (H_3PO_4) and Potassium Hydroxide (KOH).



BRYSORB™ 508

A UL-certified, activated alumina impregnated with $KMnO_4$ for effective removal of Sulphur Oxides, Hydrogen Sulphides, Ethylene and Aldehydes

BRYSORB™ 508 BLEND

A perfect blend of BRYSORB™ 508 and BRYSORB™ 520 for optimum removal of harmful and odourous gases such as ozone (O_3), Hydrogen Flouride (HF), and various other VOCs

BRYSORB™ 515

A UL-certified, activated alumina and activated carbon impregnated with Potassium Hydroxide (KOH) for effective removal of Chlorine and Sulphides

BRYSORB™ 520

A High performance chemical media for effective removal of odourous gases such as Nitrogen Oxide, Ozone, Formaldehyde and other various VOCs

BRYSORB™ 525

A special grade activated carbon impregnated with Phosphoric Acid (H_3PO_4) for effective removal of ammonia (NH_3)

BRYSORB™ Series Technical Specifications

BRYSORB™ 508		BRYSORB™ 508	BRYSORB™ 50BBL	BRYSORB™ 515	BRYSORB™ 520	BRYSORB™ 525
Bulk density		0.85 - 0.90 g/cc	0.64 - 0.68 g/cc	0.75 - 0.80 g/cc	0.42 - 0.46 g/cc	0.58 - 0.62 g/cc
Moisture content		20% - 25%	20% - 25%	20% - 25%	4 - 6%	20% - 25%
Compression strength		4 - 5 kgf	4 - 5 kgf	1 - 2 kgf	-	-
Shape		Beads	Beads & Pellets	Beads	Pellets	Pellets
Size	a) Diameter	2.5 - 3.5 mm	2.5 - 3.5 mm	2.5 - 3.5 mm	-	-
	b) Diameter x length	-	4 x (5 - 10) mm x mm	-	4 x (5 - 10) mm x mm	4 x (5 - 10) mm x mm
Impregnant		$KMnO_4$	$KMnO_4$	KOH	-	H_3PO_4
Suitable for (Gases)		Hydrogen Sulphide, Sulphur Dioxide, Nitrogen Dioxide, Nitric Oxide, Idehyde and Ethylene	Sulphur Dioxide, Nitrogen Dioxide and Volatile organic compounds	Hydrogen Sulphide, Sulphur Dioxide, Chlorine	Volatile organic compounds	Ammonia
Temperature		- 20 °C to 50 °C	- 20 °C to 50 °C	- 20 °C to 50 °C	- 20 °C to 50 °C	- 20 °C to 50 °C
RH		10% - 95%	10% - 95%	10% - 95%	10% - 95%	10% - 95%

All data subject to change without notice

Country wide service network with 10 offices across India for immediate reach

Backed by
BRYCARE™ SERVICE

Air Quality Assessments

Atmospheric Corrosivity Monitor (ACM)

A realtime direct, quantitative measure of the overall corrosion potential of an environment



Corrosion Monitoring Service

A direct, quantitative measure of the overall corrosion potential of an environment

Copper Corrosion Coupon	Silver Corrosion Coupon
CAUTION: DO NOT TOUCH METAL STRIP	
Bry-Air Installation Date: _____	
Company: _____	
Room Location: _____	
Contact Name: _____	
Email: _____ (for returned report)	
Removal Date: _____	

Chemical Media Residual life testing facility Asia's 1st Gas Phase Filtration Test Lab



- Capable of testing the performance of both, impregnated honeycomb filter and granular media
- The tests are conducted as per ANSI/ASHRAE standard 145.1 and BSR/ASHRAE standard 145.2/ISO standard 11155-2 guidelines
- Only labs in India which are approved by Ministry of Science and Technology, Govt. of India

BRYSORB™ Series Gas Removal Capabilities

BRYSORB™	SO _x	NO _x	H ₂ S	Cl ₂	NH ₃	HF	O ₃	VOCs
508	✓	✓	✓					
508 Blend	✓	✓	✓			✓	✓	✓
515	✓		✓	✓				
520		✓					✓	✓
525					✓			

To know more about media replacement or how to assess the remaining media life, write at gpfmedia@pahwa.com



Leaders in Dehumidification... Worldwide

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