



AddSorb® NFC

ultra high activity coconut shell carbon for organic vapor respirators

Features and Benefits

- Extensive internal surface area
- High density
- Superior hardness
- Rigorously dedusted
- Excellent adsorption capacity
- High volume activity, improved service life
- Minimal attrition, no particle degradation
- Clean handling at processing and filling

Typical Applications

- Organic vapor respirators (OV)
- Organic vapor removal

Available Particle Sizes

- 12x30 mesh (0.60 - 1.70 mm)
- 12x20 mesh (0.85 - 1.70 mm)
- 8x18 mesh (1.00 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 mm)

AddSorb® NFC is an ultra-high activity granular coconut shell activated carbon specially designed for organic vapor (OV) respirators where extraordinarily high demands on service life are placed on the activated carbon. Due to a proprietary activation process that yields a very high activity carbon with higher than average apparent density, the AddSorb® NFC allows for respirator canister designs to be more compact and still fulfill stringent NIOSH and EN141 service life requirements. A particularly important feature of this material is its superior mechanical hardness that combined with an excellent de-dusting operation ensures an exceptionally clean product.



AddSorb® NFC impregnated activated carbon is an efficient and economical activated carbon designed for the removal of inorganic alkali gases.

Specification

CTC activity	min. 95%
Moisture content (as packed)	max. 5%
Total ash content	max. 5%
Ball-pan hardness	min. 97%

Typical Properties

Surface area	1550 m ² /g
Total pore volume	1.10 cm ³ /g
Apparent density	410 kg/m ³

Standard Packaging

- 25 kg bag (55 lb)
- 500 kg bulk bag (1100 lb)



The polyethylene valve bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

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Polyethylene valve bags of
25 kg (55 lb) net weight on
500 kg (1100 lb) pallets



Polypropylene liner-free
FIBCs (super sacks) of
500 kg (1100 lb) net weight

CAUTION Activated carbon is a strong oxidizing agent and can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where wet activated carbon is present. Ensure the use of correct breathing apparatus. Material Safety Data Sheets should be consulted for further details on procedures in the event of contact with activated carbon.

NOTICE Due to the progressive nature of Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

ISO 9001

BUREAU VERITAS
Certification

