



Medisorb medical soda lime

Safe and effective CO₂ absorption*

The use of low flow anesthesia is a growing clinical trend throughout the world, driven by the need to reduce cost and improve patient care. The unique, D-profile granule of GE Medisorb® soda lime offers you cost-effectiveness with optimal performance.

* Medisorb is a safe and effective CO₂ absorbent when used in accordance with the accompanying instructions for use.



Make the right connection® with Medisorb



Our easy prefilled, disposable Compact Absorber is perfect for the ADU Carestation®.

For the Avance®, Aespire®, and Aisys® anesthesia systems, our Multi Absorber is available in a pre-filled disposable canister.

Choose the prepacked, disposable round cartridge for your Aestiva®, Modulus® and Excel® anesthesia systems.

All canisters are available as reusable and convenient disposable options. Economical Quick Fill bags provide one-step refill and are available in two sizes. Perfectly measured to fill your reusable canister—choose Multi for the Multi Absorber canister and Maxi for the round cartridge. Or, take care of all your anesthesia equipment by choosing Twinpack loose fill, an economical solution for refilling any of our canisters.

Pre-packed cartridges are sealed in an airtight safety wrapper. Medisorb round cartridge's high-clarity polymer body inserts smoothly and quickly into GE Healthcare anesthesia machines. Multi Absorber and Compact are designed to work with the CO₂ bypass feature on some GE Healthcare equipment, providing a safer way to change and maintain your absorber.

Note: Multi Absorbers are not fitted as standard on the ADU

Conforms with APSF recommendations

During anesthesia administration, anesthetic agent degradation and dry soda lime can cause the production of harmful Compound A and carbon monoxide. In accordance with recent APSF (Anesthesia Patient Safety Foundation) recommendations, Medisorb does not significantly degrade volatile anesthetics when used as described in the accompanying instructions for use.**

D-profile granules improve CO₂ absorption

D-profile granules permit a better distribution of gas flow throughout the entire absorbent bed. Because the D shape decreases the absorbent's tendency to pack or clump, it provides greater contact (the entire granule's capacity can be utilized) between the patient's exhaled gas and the absorbent. Since it is the intent of the absorbent to remove all the CO₂ in the patient's exhaled gases, the result is a more effective CO₂ absorption capacity.

In order to reduce risk of dust contamination or gas flow resistance during use or during transport and handling, Medisorb manufacturing techniques ensure its dust content is minimal (0.2 % or less) and its hardness is at an optimum level (99 % USPXXII).

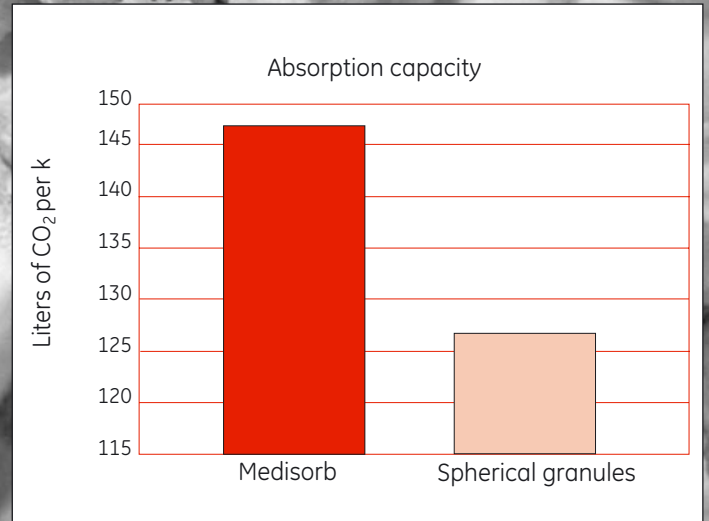
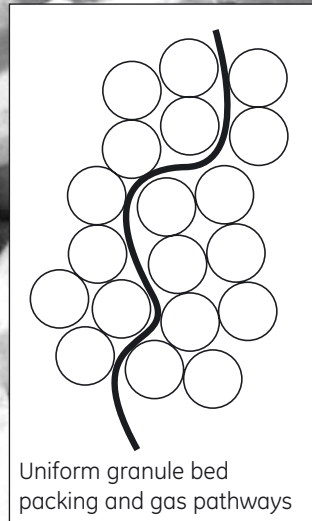
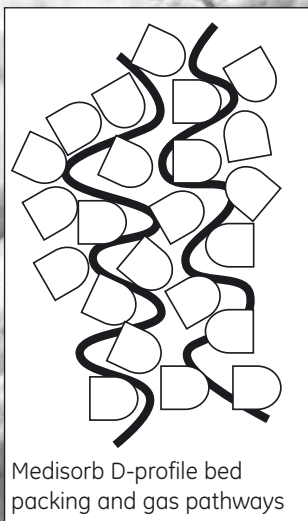
In contrast, others' spherical granules form narrow pathways and have the smallest surface area of any granule shape. As a result they do not absorb CO₂ as effectively as irregularly shaped granules.

Absorption capacity tests have shown that Medisorb consistently absorbs ~150 l of CO₂ per kg before experiencing a 0.5 % CO₂ breakthrough (test data on file at GE Healthcare Finland, Oy).

Medisorb soda lime's distinct color change accurately portrays the available quantity of absorbent. And, Medisorb Compact and Multi Absorbers have been tested and validated with GE Healthcare anesthesia machines and carestations ensuring optimal performance.

**Yamakage, Yamada, *et al.* "Carbon Dioxide Absorbents Containing Potassium Hydroxide produce Much Larger Concentrations of Compound A from Sevoflurane in Clinical Practice." *International Anesthesia Research Society*, (2000).

Stabernack, Brown, *et al.* "Absorbents Differ Enormously in Their Capacity to Produce Compound A and Carbon Monoxide." *International Anesthesia Research Society*, (2000).



Single-source simplicity.

Purchasing accessories and supplies from a single source means fewer purchase orders to process, less vendors to research, and fewer contracts to review. It also translates to cost savings through customized supply contracts, like continuing supply agreements and deferred purchase agreements. And, when your single source is GE Healthcare, you have the benefit of a dedicated sales and support organization, as well as a global resource and distribution network.

Make the right connection® with accessories and supplies from GE Healthcare.

Ordering information

Part Number	Description	Quantity
8003138	Multi Absorber, disposable, 0.8 kg, white – violet change	6/case
427000100	Prepacked (round) Cartridge, disposable, 1.1 kg, white – violet change	12/case
427002100	Compact Absorber, disposable, 0.6 kg, white – violet change	10/case
8004586	Quick Fill Maxi, 1.36 kg bag, white – violet change	12/case
8004584	Quick Fill Multi, 0.8 kg bag, white – violet change	20/case
8570043	Twinpack, 4.5 kg canister, white – violet change	2/case
8003963	Multi Absorber, disposable, 0.8 kg, pink - white change	6/case
427010100	Prepacked (round) Cartridge, disposable, 1.1 kg, pink - white change	12/case
427002000	Compact Absorber, disposable, 0.6 kg, pink - white change	10/case
8004587	Quick Fill Maxi, 1.36 kg bag, pink - white change	12/case
8004585	Quick Fill Multi, 0.8 kg bag, pink - white change	20/case
8570042	Twinpack, 4.5 kg canister, pink - white change	2/case

Pink to White color change products not available for sale in the USA. Check with your local GE Healthcare representative for availability in your region.

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GE imagination at work

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