TECHNICAL DATA SHEET

Sofnolime® SoLo

molecular

Premium soda lime designed for clinical use in closed anaesthesia circuits (white to violet indicating)

Description

Sofnolime[®] SoLo is a USP grade premium soda lime used for the removal of carbon dioxide in low flow anaesthesia breathing circuits. Eliminates the potential for Compound A formation and carbon monoxide when used with volatile anaesthetics under clinical conditions. The material is non-hazardous at end of life. It is not suitable for use in diving applications.



USP Activity (1) 19% Min



Properties

- An order of magnitude lower production of CO and Compound A due to reduced interaction with Flurane based anaesthesia agent
- Superior CO₂ absorption levels
- \bullet Effective long lasting indication of CO_2 saturation and dehydration
- · Low dust level
- 'D' shape particle construction

Product Characteristics

Colour indicating White to violet
Particle Size 2.5-5.0mm
Retained on 8.0mm screen Nil
Retained on 4.75mm screen Retained on 0.425mm screen
Retained on 0.425mm screen 15% Max
Passing 0.425mm screen 0.6% Max
(USP 2.0% max)

Hardness (75% USP minimum) 90% Typical Water content 12-19%

Bulk density 0.70 g/cm³ (untamped)

Moisture absorption 7.5% Max

Availability

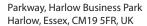
Sofnolime* SoLo is available in 1.2kg refill bags, 2x4kg twin packs and 1.0kg pre-filled absorbers. Other options are available by request.

Warranties & Guarantees

Shelf-life (twin pack) 5 years
Shelf-life (refill bags and absorbers) 2 years
Interaction with anaesthetic agents Minimal
Compatible with typical breathing circuit materials

'Activity is determined by passing carbon dioxide through a 'U' tube containing approximately 10 grams of Sofnolime® SoLo at a rate of 75ml per minute for a period of 20 minutes. The activity is the weight gain, expressed as a percentage.





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