

Sofnolime® SoLo



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.

Performance

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
- Effective long lasting indication of CO₂ 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	7% Max
Retained on 2.36mm screen	Balance
Retained on 0.425mm screen	15% Max
Passing 0.425mm screen (USP 2.0% max)	0.6% Max
Hardness (75% USP minimum)	90% Typical
Water content	12-19%
Bulk density	0.70 g/cm ³ (untamped)
Moisture absorption	7.5% Max

Availability

Sofnolime® SoLo is available in 1.2kg refill bags, 2x4kg twin packs and 0.85kg 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	

¹ 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.