

SORBI Sorbent Pillows



Sorbent cushion for storing and transporting of harmful, toxic or dangerous fluids and gases and materials (acids, solvents, oils, paints, explosives, batteries etc.) as a combination of sorbing agent with shock absorber and fire protector.

KEY FEATURES

- Exceptional sorbing properties
- Fire resistance to very high temperatures
- High insulation temperature
- Non-toxic, chemically neutral
- Resistant to fungi and mold
- No deterioration over time
- Lightweight and space saving

BENEFITS

- Fire protector and shock absorber for dangerous goods during transport and storage
- Protection against spillage of harmful chemicals during transport and storage
- Increases resistance to high temperatures
- Protection against self-ignition
- Non-toxic, chemically neutral and unlimited shelf life
- Does not significantly increase the weight of transported or stored goods thanks to low bulk density and weight

TECHNICAL DATA

	MICRON	SUPERFINE	FINE	MEDIUM	LARGE
Chemical composition	SiO ₂ , MgO, Al ₂ O ₃ , Fe ₂ O ₃ , K ₂ O, CaO				
Nominal fraction size	0,5 mm	1 mm	2 mm	4 mm	8 mm
Actual fraction size	0,25-0,5 mm	0,5-1 mm	1-2 mm	2-4 mm	4-8 mm
Bulk density	140-180 kg/m ³	120-160 kg/m ³	100-120 kg/m ³	80-100 kg/m ³	60-80 kg/m ³
Reaction to fire	Class A1 (non-flammable)				
Application temperature	From -260°C to +1200°C				
Solubility in water	Insoluble				
Humidity (max.)	1.5% (+/-1%)				
Packaging	Paper bag with dimensions: 18 x 15 cm / 18 x 25 cm / 18 x 35 cm / 18 x 45 cm* cartons on pallets (120 x 80 cm) up to a max. height of 260 cm				
Shelf life	unlimited				
Compliance	PN-EN 14317-1:2006; PN-EN 15501:2016				
Documentation	Technical Data Sheet (TDS), Material Safety Data Sheet (MSDS)				