



PIG™ Obsidian™ Lithium Battery Loose Shipping Material

BAT100-EU Lithium-ion Battery Loose Absorbent, 1 bag

Pack, ship and store your lithium-ion batteries using Obsidian Loose Shipping Material to reduce risks and help meet shipping regulations.

- Environmentally friendly, 100% recycled material helps reduce risks for packing, shipping and storing lithium-ion batteries
- Material is absorbent (electrolyte fluids), cushioning, non-conductive and non-combustible
- When used as a component in a shipping system, helps you completely enclose the battery, prevent short circuits, and secure against battery movement within the UN Approved outer packaging
- Produces less airborne dust particles than vermiculite, which makes it easier to manage safe respiratory practices
- Intended for use as packing material for shipping and storing lithium-ion cells and batteries and should not be applied as a loose extinguishing agent to active fires
- Fire extinguishing agent class D as tested by MPA (Material Testing Institute, Dresden.) according to DIN EN 3-7:2007, suitable for class D and lithium-ion battery fire loads; also fire rating class (DIN 4102-4) non-combustible (A1)
- During testing of lithium-ion batteries, third-party labs have shown that covered container wall temperatures remain significantly lower during thermal run-away events when using PIG Obsidian Loose Shipping Material compared to using no packing material and lower than when using vermiculite for the same purpose

Intended Use	Lithium-ion Battery Shipping
Category	Lithium-ion Battery Loose Absorbent
Colour	White
Recycled Content	100% Post-Consumer Recycled Expanded Glass Beads
Sold as	1 bag
Weight	11.36 kg
# per Pallet	36
Composition	Expanded Glass Beads
Volume	55-ltr Bag

Certifications, Approvals and Ratings

Fire extinguishing agent class D according to DIN EN 3-7:2007,Fire rating class A1 (non-combustible) according to DIN 4102-4

Technical Documents

Storage & Shelf Life of PIG Absorbents & Absorbent Spill Kits

Technical Data Sheet for PIG® Obsidian Lithium Battery Loose Shipping Material & Pillows

Instructions for PIG® Obsidian Lithium Battery Loose Shipping Material

Disclaimers

Lithium-Ion Battery Notice

GENERAL WARNING STATEMENT - Lithium-ion batteries can sometimes enter a state called "thermal runaway," which can sometimes lead to fire, explosion, and the release of toxic smoke and fumes. Lithium-ion battery fires are chemical reactions that can continue to burn even if deprived of oxygen.

Call the Fire Service immediately in the event of any fire, whether you choose to use products from New Pig. Fires create great risk of injury or death and property damage. In the event of any fire, warn others to evacuate the premises, call the Fire Service and ensure that you have a clear path of escape. Do not take any unnecessary risks to combat a fire that has already started.

While no fire suppression device can fully extinguish a lithium-ion battery fire until the chemical reaction has completed, the products offered by New Pig may help temporarily reduce the risk of damage by managing thermal runaway, partially insulating the fires, and potentially reducing the paths for flame or heat to escape and spread.

This product is not guaranteed to prevent thermal runaway from starting or spreading beyond its immediate area. Burned or partially burned lithium-ion batteries have the potential to reignite and should be handled with extreme care by trained first responders or firefighters.

New Pig can accept no responsibility or liability for loss, damage, or any other consequence of reliance on this information, howsoever caused. As all applications and scenarios vary, it is your responsibility or the responsibility of your business to ensure that any products or items you ship comply with the regulations applicable to your specific circumstances. If in any doubt, please check with your shipping provider or the appropriate regulatory body.