

RECY LITHIUM

SAFETY CONTAINER FOR LITHIUM BATTERIES

ADVANCED PROTECTION. MAXIMUM SAFETY.



INTEGRATED SAFETY SYSTEM



FIRE PROTECTION

Designed to contain lithium battery fires



PRESSURE MANAGEMENT

Integrated system to manage internal pressure



OXYGEN CONTROL

Anti-fire valve reduces oxygen ingress and enables controlled pressure release



THERMAL PROTECTION

Thermal insulation reduces heat propagation



SAFE & COMPLIANT

Designed for hazardous waste transport and recycling operations

INTERNAL STRUCTURE (FROM INSIDE TO OUTSIDE)



- 1 STEEL LAYER**
 - Thickness: 1.2 mm
 - External anti-corrosion coating
 - Robust and resistant structure
 - Provides structural strength and containment
- 2 FIRE-RESISTANT FABRIC**
 - Thickness: 1.5 mm
 - Weight: 100 g/m²
 - Fire resistant (Class 1)
 - Heat protection
 - Protects against flames and high temperatures
- 3 INNER RUBBER (INSULATION)**
 - Thickness: 2 mm
 - Material: EPDM / NBR
 - Heat resistant and resistant to chemicals
 - Airtight seal
 - Thermal insulation

ANTI-FIRE SAFETY VALVE



The anti-fire valve is designed to reduce oxygen ingress and enable the controlled release of internal pressure, preventing explosions and flame propagation.

TOP EDGE DETAIL



ASSEMBLY PROCESS

- 1** The fire-resistant fabric is applied directly to the internal surface of the steel drum.
- 2** The inner rubber is glued and pressed on top of the fabric.
- 3** The edges are finished and sealed to ensure an airtight seal.

INTERNAL VIEWS



TECHNICAL SPECIFICATIONS

- Capacity: 62 Liters
- Outer diameter: 600 mm
- Height: 900 mm
- Steel layer thickness: 1.2 mm
- Closure: Lever lock
- Safety valve: Anti-fire
- Color (outside): Blue
- Weight (empty): ~10.5 kg



RECY LITHIUM
THE CONTAINER FOR WASTE BATTERIES



⚠ CORRECT ORDER OF LAYERS: STEEL (1.2 mm) → FIRE-RESISTANT FABRIC (1.5 mm) → INNER RUBBER (2 mm)