

Strapping Aluminium Ingot Packs with PET

General data: Pack size: W 800 x L 800 x H 1000mm (31" x 31" x 39")
Weight: approx: 1000kg (2200lb's)

Current Packaging: 2 or 3 straps parallel
Steel Strapping

New Packaging: 2 or 3 straps parallel
Polyester Strapping:

Test with Automatic P350 (5000N tension turbo) P356
PM200200 (movable top seal high tension strapper)

- Benefit of new packaging:**
- * Packs remain compact (high retained strap tension)
 - * Lower costs of consumables
 - * No rust
 - * PET straps burns off in smelter oven (less labor costs)



Pic. 1 Current Packaging / steel or Aluminum strapping



Pic. 2 New Packaging

Fall Test from 1,5m (5 feet) above ground



Pic. 3

- Result: -no broken PET strap
- Straps remained tensioned
 - Pack remained compact with no loose ingots



Pic. 4 Top stabilizing during strapping required



Pic. 5 Horizontal extruder ingot bar, cut and stacked and strapped