

# MATTRESS



premium hospital beds



1946-2016  
70 years

**IMO**

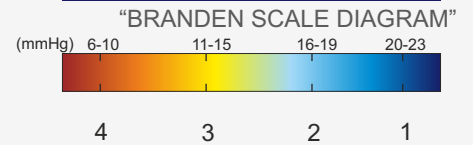
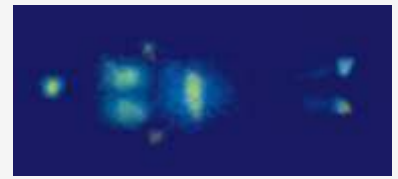
medical beds worldwide



# CORPORATE PROFILE

- COMPANY **IMO-Indústrias Metalúrgicas, S.A.**
- HEAD-QUARTERS **Longra, Felgueiras, Portugal**
- VAT No. **500.136.939**
- FOUNDATION YEAR **1946**
- EMPLOYEES **112**
- SHARE CAPITAL **2,5 M€**
- TURN-OVER (2015) **5,7 M€**
- INSTALLED PRODUCTS **46 países**
- INDUSTRIAL FACILITIES **8.400 m2 área coberta**
- PRODUCTION CAPABILITIES
  - Research and development**
  - Prototyping and tools**
  - Molds Engineering**
  - Laboratory quality control**
  - Electronics**
  - Metalworking**
  - Plastics**
  - Woodwork**
  - Upholstery**
  - 2 assembly lines**
  - Logistics and distribution**

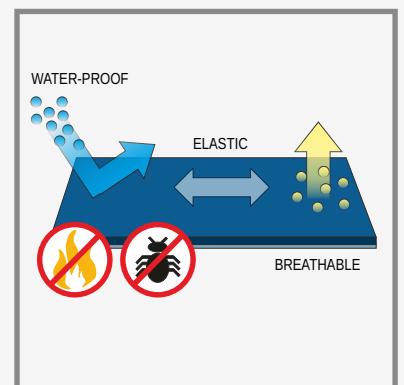
# FLUXAIR



## fluxair mattress

Mattress made in a polyurethane foam body sectioned as cubes mesh. This mesh creates inner cavities that contains the necessary air to the mattress cover unidirectional ventilation effect. Those cubes distribution does a pressure relief alternation to get an anti-decubitus effect. It includes a Telastic sanitary cover.

DENSITY	30 Kg/m <sup>3</sup> ±2,0
RESISTANCE TO TRACTION	Min. 1,30 Kpa
RESILIENCE	Min. 35 %
PERMANENT DEFORMATION	8% (A 75% Max.)
FATIGUE TEST (Hardness)	Max. 35%
FATIGUE TEST (Height)	Max. 2.0 %



## telastic sanitary cover

Made in a very thin, soft and elastic polyurethane fabric, the cover copy perfectly the bed articulations. Is fire retardant and water proof . The fabric mesh is made by a conic shape performing a breathable effect. Its composition has a antialergic treatment that prevents the microorganisms spread.

RUPTURE FORCE	>600 N/5cm
RUPTURE STRETCH	>60%
WATER-PROOF	OK (ISO811-1981)
LAUNDRY SCHRINK	0% (ISO5077-1984)
FLAMMABILITY	OK Crib5
BREATHABILITY 37°/65%r.h.	>1000 g/m (24h)

## **IMO-INDUSTRIAS METALURGICAS, S.A.**

[www.imo.com.pt](http://www.imo.com.pt)

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