

mli
Multi-Layer Insulation

HEMERIA designs, manufactures, tests and integrates satellite and instrument thermal control subsystems.

- ❖ Design to customer's specifications
- ❖ ATOX certified processes
- ❖ EN 9100 certified quality management system
- ❖ Complex MLI (LEO / MEO / GEO MLI's)
- ❖ Complete procurement management
- ❖ Controlled lead-times, quality and costs

4,000
blankets
per year



300 satellites in orbit with
HEMERIA equipment

Factory
4.0
with digital tools



approved on
PLEIADES NEO satellites
O3B constellation
GLOBALSTAR 2 constellation
CSO BUS MLI
LSTM COPERNICUS
NILESAT-301



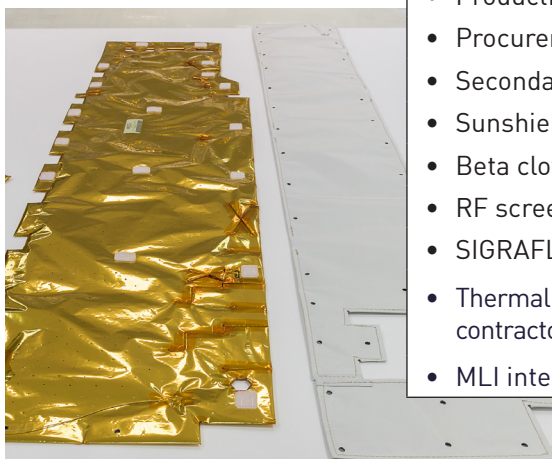
tools and means

- 5,000 sq-m ISO 8 clean room
- ISO 5 area
- Qualified operators
- Industrial sewing machines
- Software for cutting optimization
- Equipped area with a handling bridge of up to 2 tons and with a ceiling height of 5.7 meters
- Bake-Out chamber
- In-house testing and qualification laboratory



technicity and process

- Single-layer (SLI) and multi-layer insulation (MLI)
- Production follow-up in real time with digital tools
- Procurement and integration of heaters and thermistors
- Secondary support structures made from Kevlar or aluminium
- Sunshields
- Beta cloth MLI
- RF screens
- SIGRAFLEX® or CHO-THERM® seals
- Thermal insulation solutions meet requirements of leading space industry contractors
- MLI integration



services

- Synergies structure / harness / MLI
- Design to cost
- Alternative blanket composition
- Secure lead time
- Design, drawing, manufacturing and integration of small series into the constellation
- Worldwide deliveries

