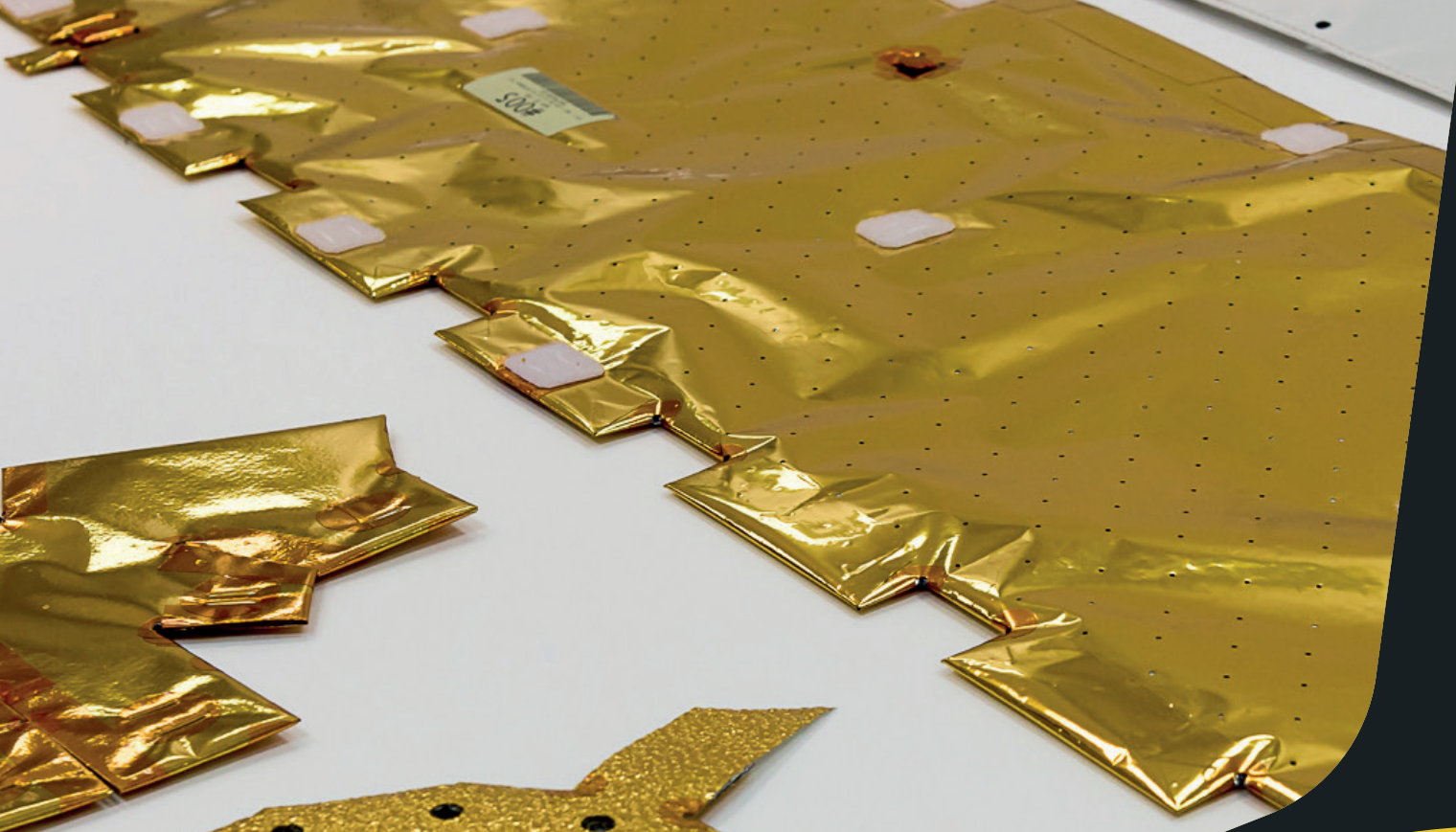


mli
thermal protections

hemeria

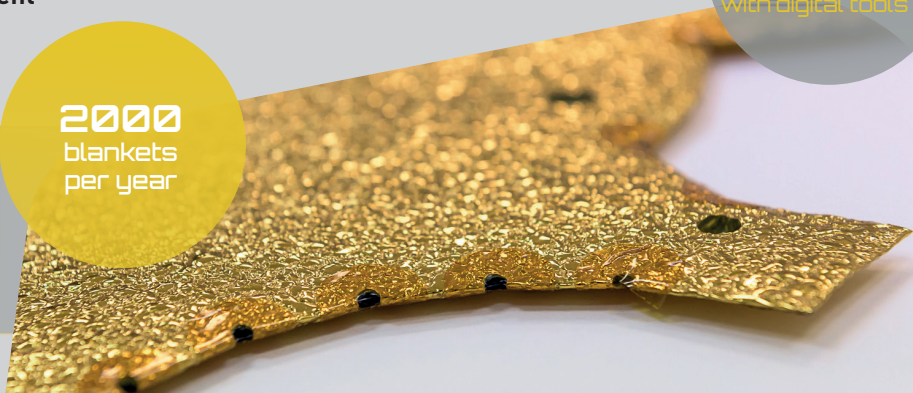
HEMERIA designs, manufactures, tests and integrates satellite and instrument thermal control subsystems.

- Built to specifications capabilities
- Commitment on the schedule
- ATOX certified processes
- Complex MLI (LEO/MEO/GEO MLI's)

200 Satellites flying with HEMERIA equipment

Factory 4.0
with digital tools

2000 blankets per year



approved on

PLEIADES NEO satellites
O3B constellation
GLOBALSTAR 2 constellation
CSO BUS MLI

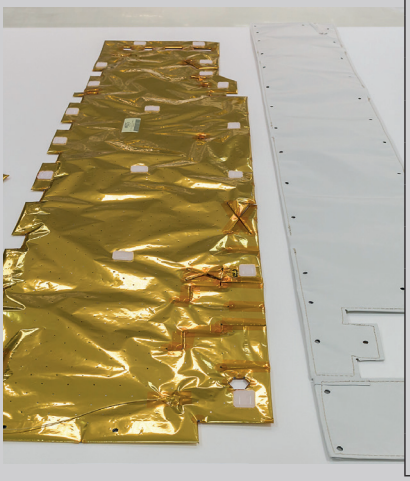
mli

tools and means

- 2200 sq-m² ISO 8 clean room
- ISO 5 area
- Qualified operators
- Sewing machines
- Software for cutting optimization
- AIT dedicate area in order to integrate satellites 500 kg class



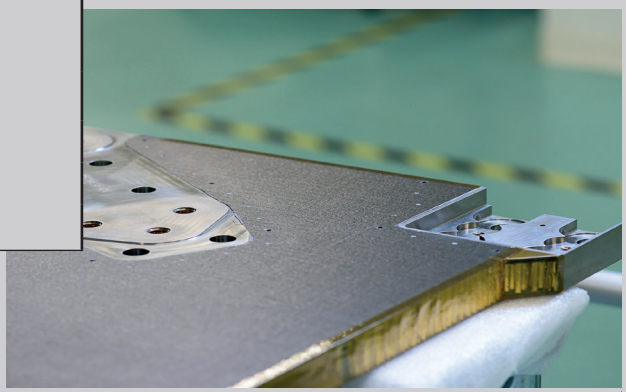
technicity and process



- Single-layer (SLI) and multi-layer insulation (MLI)
- Production follow-up in real time with digital tools
- Procurement and integration of heaters and termistors
- Secondary support structures made from Kevlar or aluminium
- Sunshields
- Beta cloth MLI
- RF screens
- SIGRAFLEX® or CHO-THERM® seals
- Thermal insulation solutions meet project mission specifications (shadow edging, sun edging, atomic oxygen (ATOX) environment, use of titanium, etc.)
- 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
- Constellation and product line deliveries
- Worldwide deliveries



HEMERIA - 8, impasse Boudeville - CS 22324 - 31023 TOULOUSE - France
Tel : 33 (0)5 82 95 16 22 - sales@hemeria-group.com
www.hemeria-group.com