

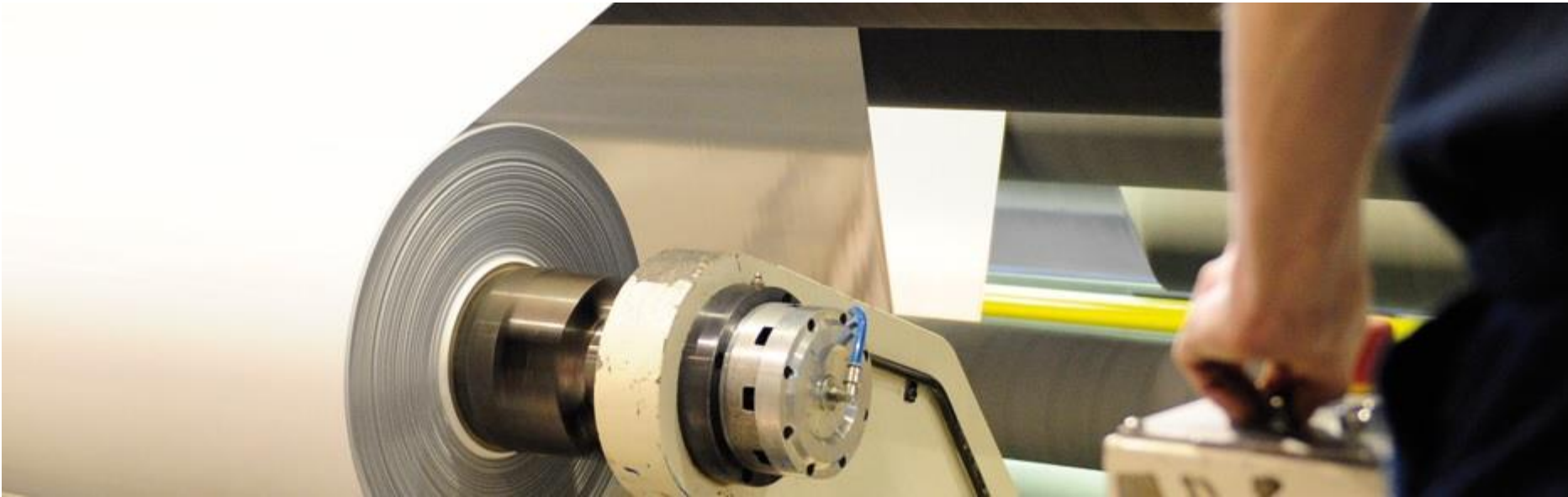


METALLIZATION LIVES HERE®

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METALLIZATION, INC.



- 1996: Met-Lux started its activity in Luxembourg with one metallizer 2450mm wide.
- 1998: Installation of a second metallizer 1650mm wide.
- 2000: A third line from 2480mm width is installed to fit our customers needs.
- 2003: To absorb our customers demand we increase our capacity with another 2450mm metallizer.
- 2014: The market is moving another step further and Met-Lux goes wider with a new production line.
- 2015: The new 2920 mm metallizer is fully operational.





Our metallizers are developed with the latest technological innovations available in vacuum metallizing industry and are equipped with low stress winding systems and plasma treatment to improve the barrier properties of the metallized films as well as the metal adhesion.





OUR EQUIPMENT

- 1 Metallizer 2450 mm
- 1 Metallizer 1650 mm with plasma treatment
- 1 Metallizer 2450 mm with plasma treatment
- 1 Metallizer 2480 mm with plasma treatment
- 1 Metallizer 2920 mm with plasma treatment
- 7 Slitters, final width from 350 mm to 3200 mm

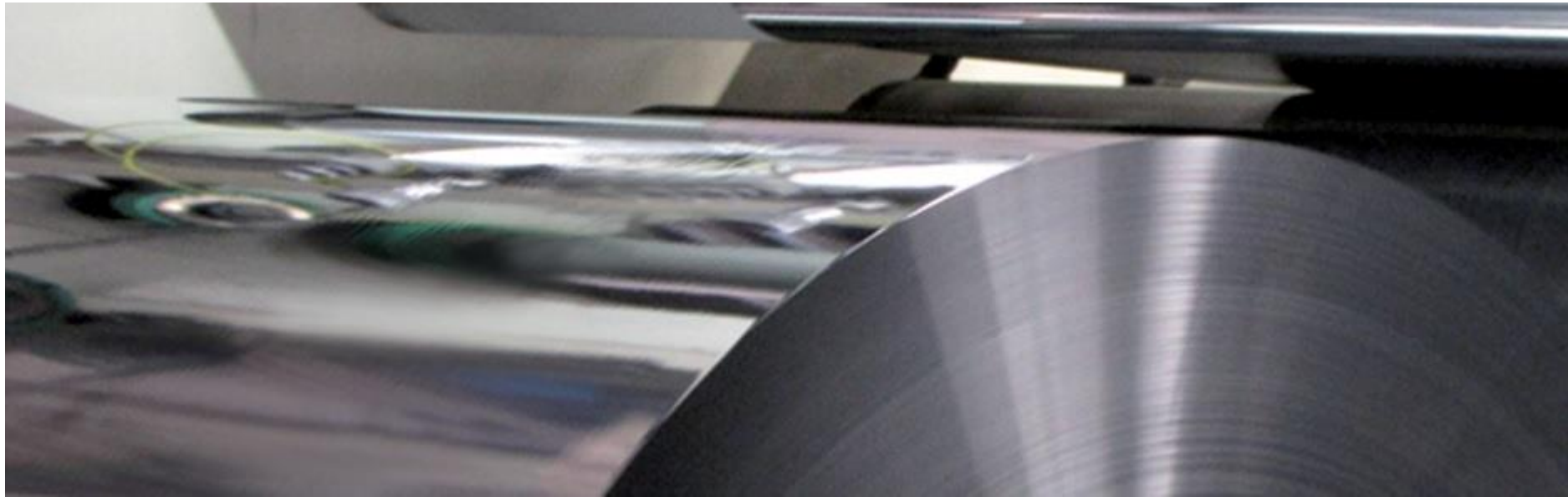
Annual capacity : 20.000 tons





OUR PRODUCT RANGE

We are able to provide aluminum coating from 0.5 up to 4 Optical Density for commodities and specialties (barrier) in the metallized materials.





FOOD PACKAGING

This is our core business sector.

We metallize a wide variety of films for different uses. Our range includes the main film families:

OPP, PET, LDPE, HDPE, BOPA, CPP, PLA, etc.

Based on requirements, the optical density level can vary from lowest (for packaging for use in microwave ovens) to highest (for bag-in-box packaging).

We also offer a range of products specifically for labelling.





HOLOGRAPHIC AND PRINTED FILM / CARDBOARD LAMINATION

We supply a complete range of metallized products for lamination onto a variety of media, such as cardboard, for use in the luxury goods industry.

Metallized matt or glossy OPP, PET or PE films can be provided as required.
Films can be printed or colored in the mass to provide different colors, such as gold.



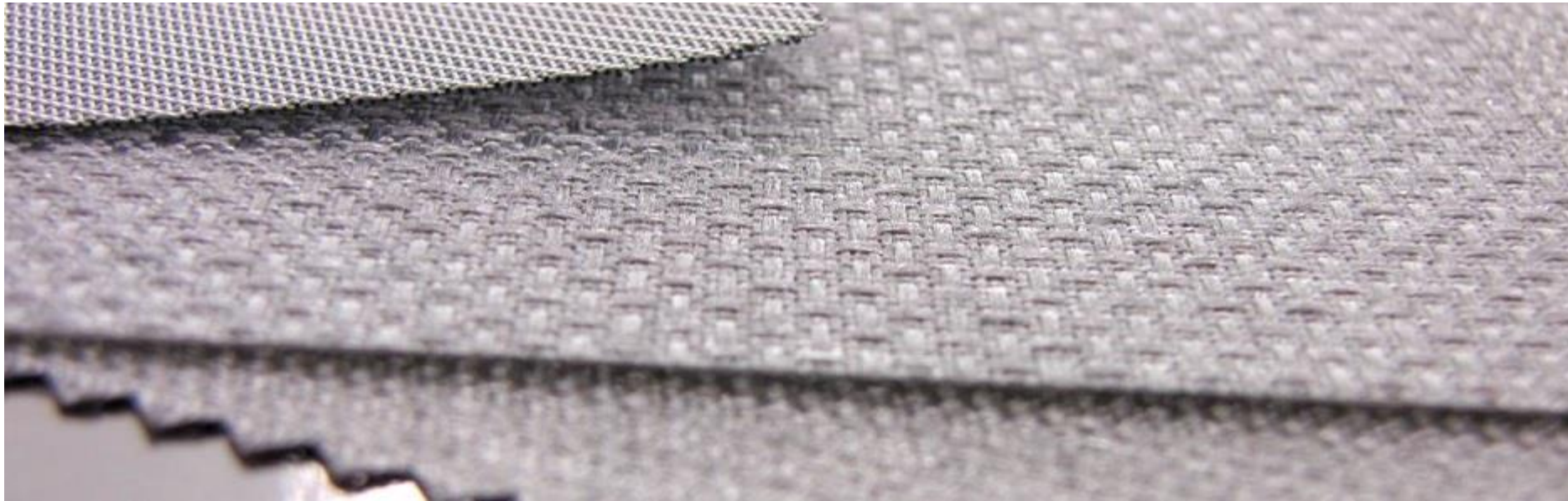


BARRIERS - INSULATION - SOLAR TEXTILES – CONSTRUCTION

New, multi-layer insulating structures appeared on the market a few years ago. For the same thickness, they offer better insulation performance than, for example, traditional polystyrene-based products. These structures comprise a number of layers of different materials, including metallized film layers with infrared reflective properties.

A commonly used structure is expanded polystyrene structure laminated with metallized polyester film, which improves the product's insulation performance.

Non-woven, largely polyethylene fiber based-films are also metallized and incorporated into structures used in the construction industry, introducing humidity barrier properties and strengthening the insulation performance of the structure by reflecting infrared radiation.





Here below a list of most common substrate:

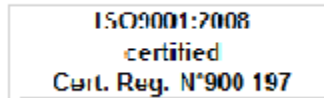
Polyester (PET) 8 um – 200 um
Oriented polypropylene (OPP) from 12 um
High density polyethylene (HDPE),
Polyethylene for lamination (LDPE-LLDPE),
Polyamide (OPA and CPA) from 10 um
Polyvinyl Chloride PVC
Cast polypropylene –twist–(CPP – twist)
Cellophane
Printed films
Woven and Not Woven fibers





QUALITY STRATEGY

Met-Lux has oriented its strategy towards the customer satisfaction in terms of quality and service is complying with the international quality certification ISO9001 Hygiene and food safety industry standards as well as the European directives are followed and certified according to BRC (British Retail Consortium) and AIB (American Institute of Baking) standard for flexible packaging facilities which include HACCP method.





The laboratory is equipped with high technology instrumentations to measure:

Light transmission

Oxygen transmission

Water vapor transmission

Metal Adhesion

Surface Tension

Unit weight and other
mechanical properties





Contact our customer service
for any further questions
or information requests.

We will be pleased to help you.

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