

# or64

Innovative solutions for  
INDUSTRIAL PRODUCTS





# More than 25 years serving the industry

OR64 was founded more than 25 years ago with the mission to provide **innovative solutions to the national industry sector** and serve as a bridge for foreign companies of high technical complexity. This duality in our vision, together with our firm **commitment to continuous improvement**, good organisational climate and clear service vocation, has enabled us to become the leading company in the sector in Spain.

Our company stands out for its focus on **innovation, flexibility, quality and fast delivery**. We work hard to offer personalised solutions that both comply with and exceed the expectations of our clients in diverse industrial sectors. With **rigorous quality standards and efficient logistics**, we are committed to driving our clients' success with the best solutions and exceptional service.



## Sectors



NUCLEAR



MEDICINE



WIND



SOLAR



STEEL

## OR64 in numbers

500

tonnes of polyester per year

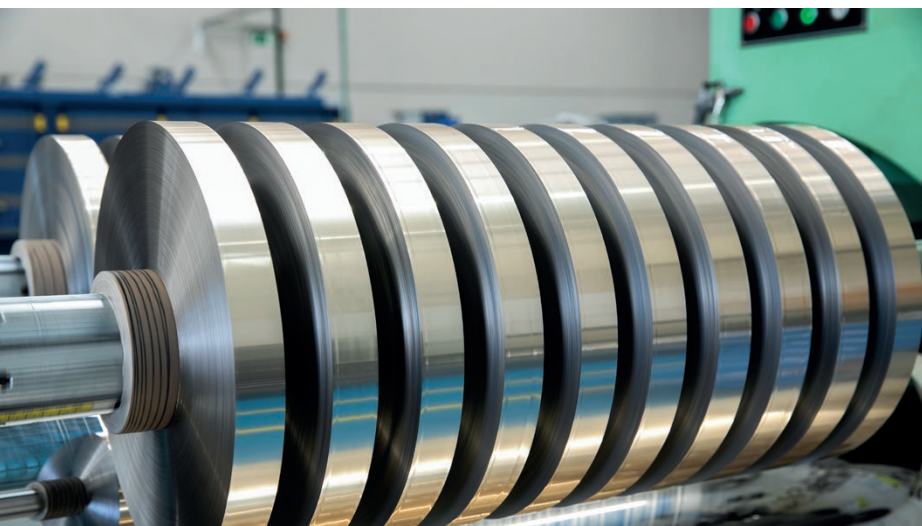
400

tonnes of aluminium/  
copolymer per year

100

tonnes of mica per year





ELECTRICAL APPLIANCES



AGROFOOD



RAIL



NAVAL



CONSTRUCTION

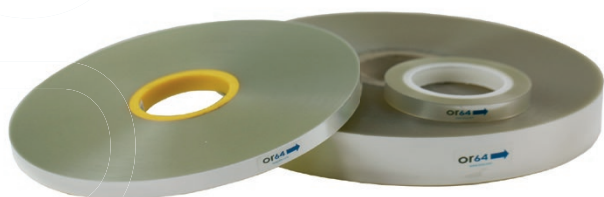
Our associates





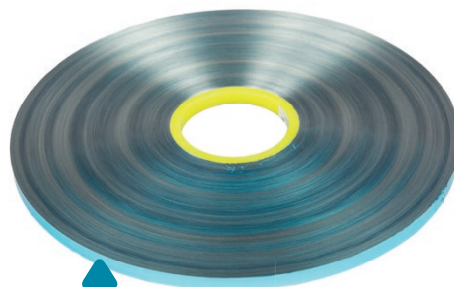
# INSULATING PRODUCTS

We distribute a **wide range of insulating and barrier tape** for cable wrapping and insulation of electric motors and generators, all adapted to your specific needs.



## POLYESTER

Protection for electrical insulation/barrier tape



## ALUMINIUM / POLYESTER

Electromagnetic screening



## COPPER/POLYESTER

High-performance electromagnetic screening



## PAPER

Barrier tape

## Properties



ELECTRICAL INSULATION



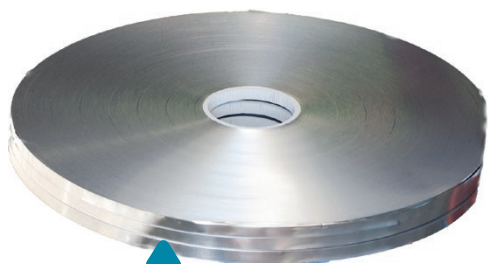
ELECTROMAGNETIC  
SCREENING



THE SEPARATION OF  
LAYERS DURING STRIPPING



We offer another type of **barrier tape for cables with other properties and features**, such as sealing and mechanical protection, reduction of the corona effects, geometry improvement during extrusion and protection against both moisture and fire.



#### ALUMINIUM / COPOLYMER

Provide sealing and mechanical protection



#### POLYPROPYLENES

Improvement during extrusion for high tension cables



#### MICA

Vital protection for fire resistant cables



#### NON-WOVEN TAPES

Uniformity in extrusion and easy stripping



#### SEMI-CONDUCTING TAPES

Protection against partial discharges / reduction of corona effect

#### WATER BLOCKING

Protection against moisture







## TAPING

Our **5 vertical double column mica lines** facilitate a taping capacity of up to 80 kilometres of cable per day.

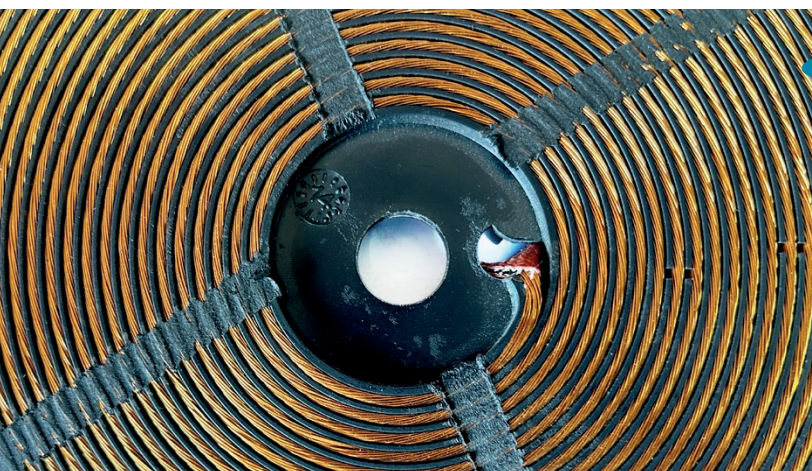
Our experience with mica enables us to guarantee compliance with the most demanding fire **resistance regulations**.



## PACKAGING

We offer a **cutting service** for diverse materials for the packaging industry.

We cut and condition materials according to **specific dimension specifications**, packaging and traceability, using the latest technology.



## LITZ WIRE

We offer Litz wire, a **braid of insulated enamelled wires that reduces the skin effect at high frequencies**. Its benefits include improved winding and performance, increased quality factor (Q) and reduced space and weight. Available in rigid plastic spools with foam protection and shrink wrap, or with the option to request a custom design to meet your specific needs.

## Innovation for quality

Our growth continues to increase, **with constant improvements in our machinery and facilities**, which evolve day by day and year after year. Investment such as improved calibrations, energy efficient lighting and the acquisition of more cutting heads to increase efficiency are just some of the investments made in our facilities, which boast **3000m<sup>2</sup> of production area and 500m<sup>2</sup> of office space**.

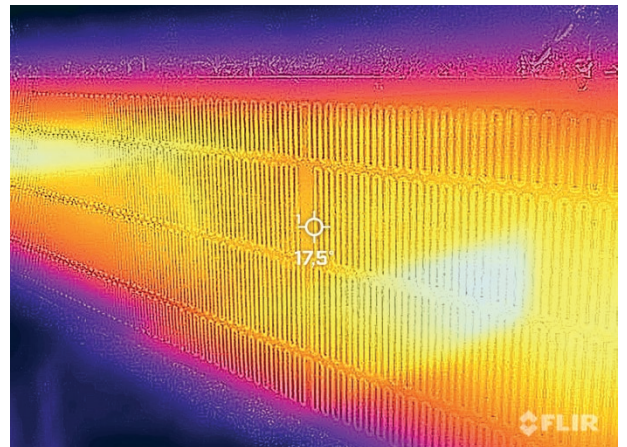
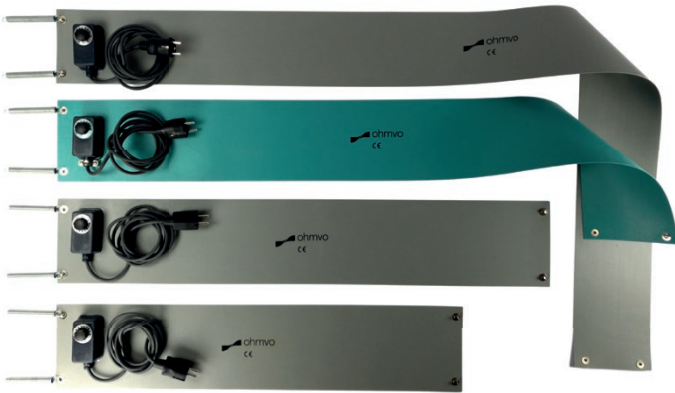




## Design, development and research in FLEXIBLE HEATING SYSTEMS

We are a technical team with more than **15 years of industrial experience in direct heat generation methods**, offering solutions in diverse areas, such as aeronautics, railways, petrochemicals, pharmaceuticals, food, military, composites, telecommunications...

We have **proven knowledge** in Constant Wattage heating cables, self-regulating cable, drum heaters and flexible silicone or aluminium heating blankets. Configuring these products allows us to provide **adaptable and flexible solutions** to any design.



The **main issues we face are** ice formation and accumulation, humidity, condensation, temperature maintenance, heating and the insulation that occurs in the following, among others:

- Electric tracing of pipes, tanks and hoppers.
- Asphalt and concrete ramps and surfaces, roofs, cannons, stairs, heliports and sports stadiums.
- Manufacturers of heated flexible pipes.
- Manufacturers of trains: steps, floors, ramps, rear-view mirrors, bogies and couplers.
- Flexible heating blankets for satellite dishes, radio links and tracking systems.



We also have a **highly qualified team**, with exceptional coordination and a clear understanding of the standards of excellence required in order to comply with our clients' demands. Each member of our team is committed to **quality, competitiveness and respect** for the values that define the leadership we have achieved through our clients.





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## EXPLORE OUR INTERACTIVE BROCHURE



HEATING  
BLANKETS



SILICONE  
PARTS

