

Designers of technology. Creators of value.

Our expertise goes far beyond the extrusion process. We design and develop **completely customized solutions**, which embrace every aspect of our customers' projects.

This means not only supplying a machine, but offering an **all-round technological package**, capable of responding to specific needs and anticipating future market challenges.

Hi-TECH.
Hi-HUMAN.



Designed with
expertise



Made with
passion



Built with
care



Our technology is the direct result of the **skills**, **passion** and **care** that we put into our work every day. For over 45 years, we have been committed to providing customized extruders, downstreams and toolings for plastic extrusion, and our strength lies precisely in building **valuable human relationships**.

Get in touch
with us!



friulfiliere.it



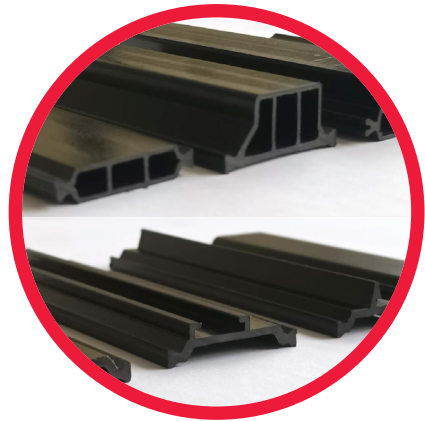
Light Thermal Break

 **FRIULFILIERE**
COMPLETE EXTRUSION PLANTS





Up to 8 exits Thermal Break Profiles



- Use: insulation against heat and cold
- Sector: aluminium windows
- Target: aluminium window assemblers/manufacturers
- Material: PA66+GF (up to 25%)

The added value that only we can provide

Technological achievements

- recognised process know-how
- research and development
- materials testing

FF-guaranteed toolings

- efficient processing of PA66
- close tolerances +/- 0.05
- up to 8 pro-wires simultaneously
- flow control for each individual output
- homogeneous flux distribution
- dedicated calibration system
- long-life equipment

Circular economy

- no material wastage
- up to 15% reused material
- closed-loop production
- regrinding system

Dedicated machinery

- special screw/rod treatment
- gear pump
- glue insertion unit
- automatic packaging system
- laser marking

Lighter

The specific weight of the profile is reduced by 30%

Less raw material

The raw material used to extrude profiles is reduced by 30%

More insulation

The profile applied to the aluminium window is more insulating due to the reduced heat transfer coefficient

More sustainable

The gas used for lightening is natural. No chemical expanders are used. The finished profile can be 100 per cent recycled because the material has no polluting residues

More performance

The lightening process facilitates the cooling of the internal mass and, as a result, allows higher extrusion speeds, increases the production capacity of the plant and improves the physical performance of the product

More beneficial

All this, from an economic point of view, ensures the customer a quick return on investment