



EIFFEL®



**Polyethylene film
for Agriculture, Industry and Construction**



We protect your crops.

We have been working with polyethylene in Fontenellato since 1962. We offer films for greenhouse and tunnel covering, films for mulching, and films for silage. We also produce custom films using different types of polymers: EVA, polypropylene and nylon.



01. Company

Eiffel and polyethylene film

Founded in 1962, EIFFEL Industria Materie Plastiche S.p.A. is an Italian company that specializes in plastic processing.

It is headquartered in **Fontanellato (Parma)**, a few kilometers from the Parma Ovest highway exit (A15) and the Fidenza exit (A1).

On an plot of 200,000 m², of which more than 72,000 square meters are indoors and equipped, the company houses the industrial division (production facilities and warehouses), offices (executive, administrative, commercial) and the control and research lab.



Production includes a wide range of blown film for different application areas, particularly for agriculture, which are distributed in Italy and Europe through qualified agents and retailers.

The exclusive EIFFEL distributor in **Canada, USA** and **Mexico** is Excalibur Plastics Ltd.



- **1962** Founding year of the company and purchase of the 1st extruder, the "Eiffel" model
- **1975** Introduction of 1,000 kg jumbo rolls
- **1977** Opening of the Santa Croce Camerina (Sicily) warehouse
- **1978** Launch of the Calor film, **the 1st light diffusing thermal film in Italy**
- **1983** Installation of the first 3-layer co-extrusion system for 12m film
- **1986** Installation of the first 3-layer co-extrusion system for 16m film
- **1990** Installation of the 1st Geomembrane production plant
- **2001** Introduction in the **Canadian market**
- **2003** Distribution network and warehouse opened for quick delivery in **Canada** and the **USA**
- **2008** Introduction in the **Mexican market**
- **2012** Distribution network and warehouse opened for quick delivery in **Mexico**
- **2013** Installation of the first 5-layer co-extrusion system for 8m film
- **2015** Installation of the first 5-layer co-extrusion system for 10m film
- **2016** Installation of the first 5-layer co-extrusion system for 16m film
- **2018** Installation of the first 7-layer co-extrusion system for 8m film



02. Manufacturing

More and more powerful solutions and products

The passion and experience in our craft push us every day to refine the production process and to maintain high quality standards. From the blend of raw materials to the packaging of the roll there are thermal and mechanical processes where we aim to have the highest precision.



02.1 Raw material

Researching and selecting new polymers and new additive molecules from the best players in the world allows us to experiment with innovative films. The main polymers used are:

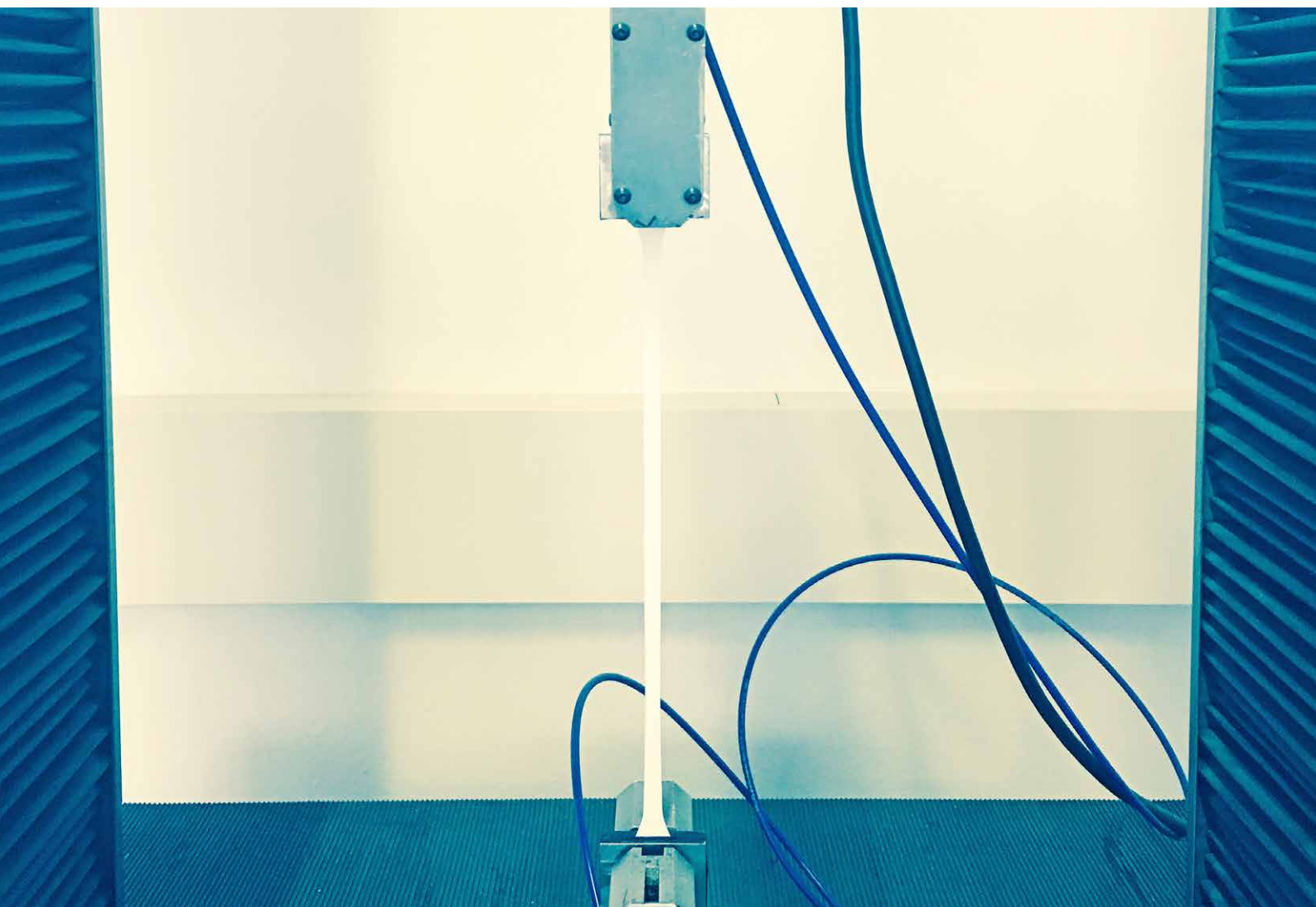
- LDPE
- LLDPE
- EVA
- Biopolymers
- PP
- PA



02.2 Quality

Every day, Eiffel runs control tests on film produced in its own lab and, where necessary, makes use of external laboratories specializing in in-depth analysis. The films are analyzed to confirm the required optical characteristics and are subjected to stress to verify their resistance to:

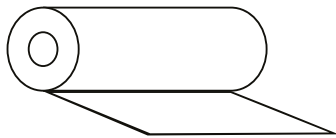
- Tearing
- Elongation
- Impact
- Ageing
- Chemical agents



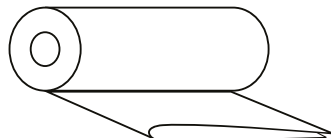


02.3 Finished products

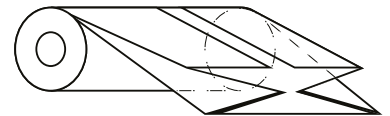
The wide range of systems allows us to offer any kind of fold:



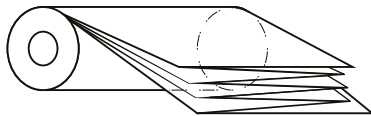
FLAT



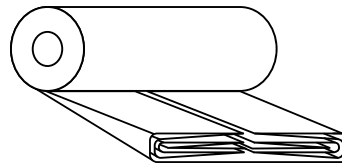
1-TIME FOLD



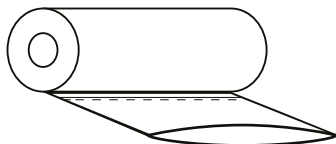
SIDE GUSSETED



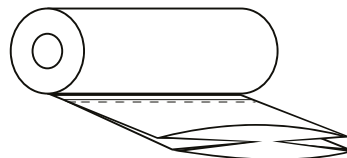
8-TIME FOLD



8-TIME C-FOLD



FLAT TUBULAR

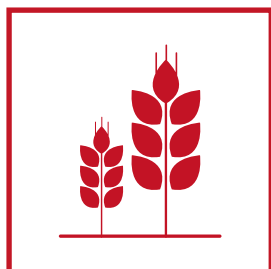


**SIDE GUSSETED
TUBULAR**



03. Products

Sectors of specialization:



AGRICULTURE



CONSTRUCTION



INDUSTRY



GEOMEMBRANE

03.1 Agriculture

The use of plastic and polyethylene in particular, in the field of agriculture has developed and intensified in various fields of application:

- Greenhouse and tunnel coverage
- Mulch
- Silage

Within these application fields, Eiffel is able to offer various solutions to meet customer needs.

Ask your Eiffel contact to introduce you to our range of products.



03.2 Industry

Custom packaging films allow our customers to maximize efficiency. We are able to design film with increasingly higher performance with our customers, thanks to the study of increasingly complex formulations and the massive investments in latest generation extrusion plants. For example:

- Shrinkwrap 250 μm thick and 14 m wide
- Tubular 1.800 μm thick and 7 m circumference
- Flat film (without folds) up to 450 cm
- Flame retardant
- Antistatic film
- Pre-cut machine direction or transverse direction
- Marked film
- Lamination film
- Microperforated
- Multiperforated
- Barrier film up to 16 m





03.3 Construction and general use

Eiffel has a wide range of films for construction and general use; from the classic vapor barrier to innovative flame retardant. Eiffel keeps standard sizes on stock and offers fast deliveries, even on site, for customers who need the product at the last minute.

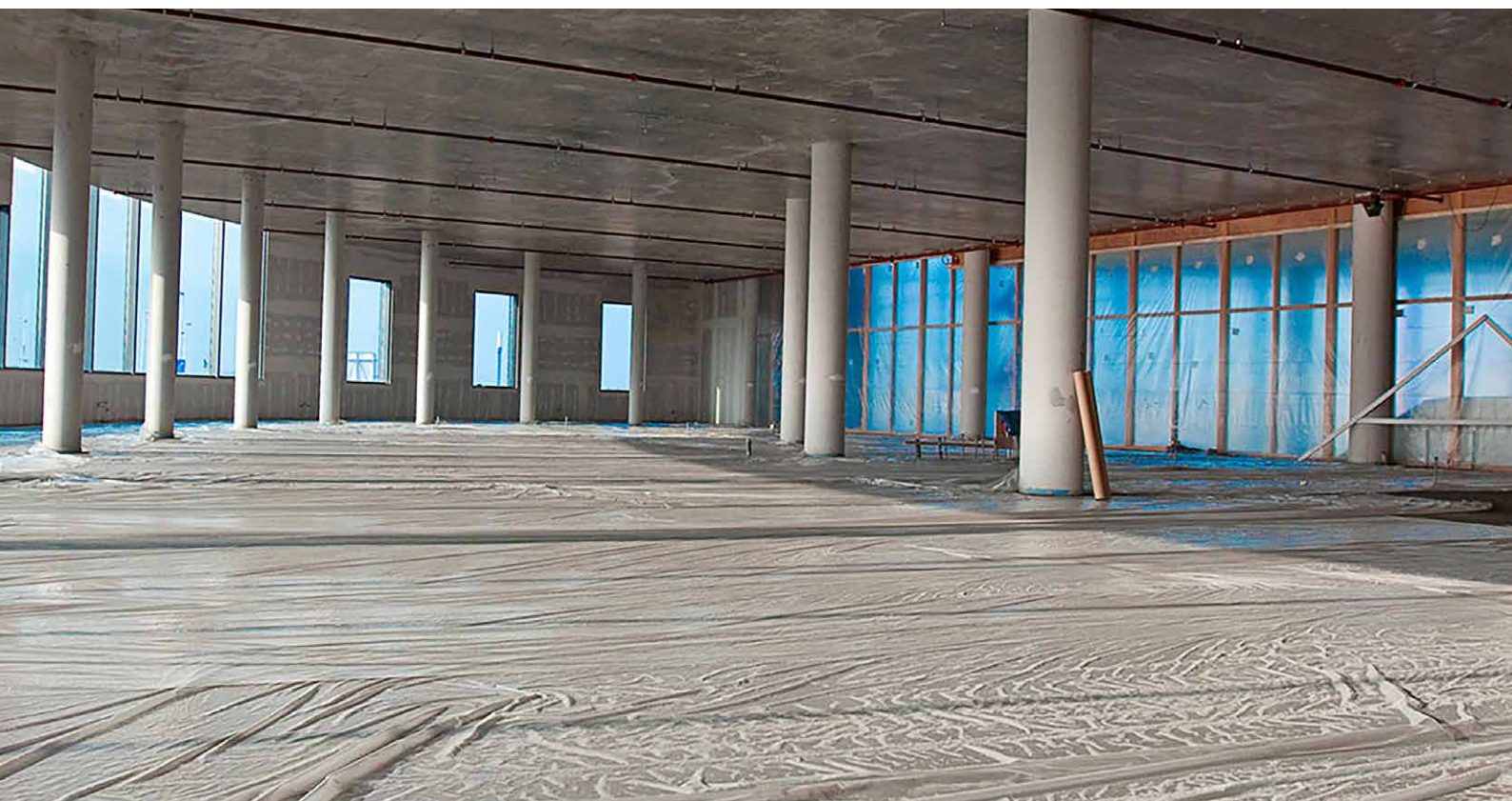
All of our construction films have **CE markings** and can be tailor-made for large jobs.

Vapor Barrier:

- Black Eco Film

Generic Use:

- Transparent
- Bati Transparent
- Eco Film
- Flame Retardant





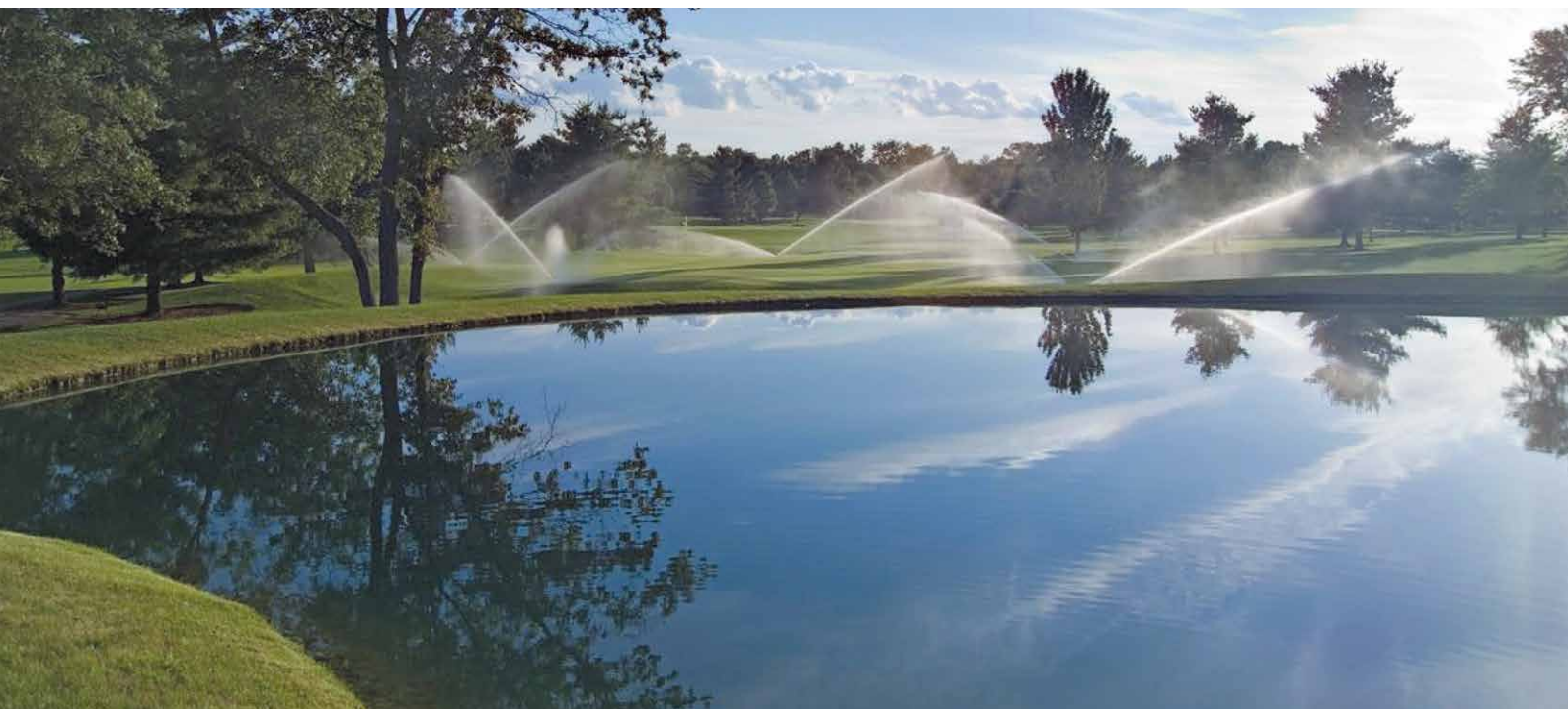
03.4 Geomembrane

The Eiffel Geomembrane is a black polyethylene or polypropylene film for waterproofing with excellent mechanical, chemical and biological resistance characteristics, is easy to weld, and has high durability under direct sunlight. Some examples of waterproofing:

- Water Reserves, Artificial Lakes, Water Treatment Plants
- Roads, tunnels, airport runways
- Foundations, floors
- Landfill capping

We produce Geomembranes in widths of 2 to 7m with thickness from 400 microns to 2,000 microns using different polymers:

- PE
- EVA
- PP
- R-PE





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