

AGROTEXTILES & TECHTEXTILES

# ARRIGONI



**Dr. Patrizia Giuliani**  
Export manager

**ARRIGONI S.p.A.**  
22029 Uggiate Trevano (CO) ITALY  
T.: [+39 031 803280](tel:+39031803280)  
F.: [+39 031 803206](tel:+39031803206)  
M.: [+39 3357105608](tel:+393357105608)  
E: [patrizia.giuliani@arrigoni.it](mailto:patrizia.giuliani@arrigoni.it)  
W.: [www.arrigoni.it](http://www.arrigoni.it)

**Dr. Giuseppe Netti**  
agronomist

**ARRIGONI S.p.A.**  
22029 Uggiate Trevano (CO) ITALY  
Tel: [+39 031 803280](tel:+39031803280)  
Fax: [+39 031 803206](tel:+39031803206)  
Mobile: [+39 331 1356365](tel:+393311356365)  
E. : [giuseppe.netti@arrigoni.it](mailto:giuseppe.netti@arrigoni.it)  
W. : [www.arrigoni.it](http://www.arrigoni.it)



**COMMERCIAL OFFICE IN UGGIATE TREVANO – COMO**





**PLANT PRODUCTION IN PUTIGNANO – BARI**  
**Total area 60000 m<sup>2</sup> – covered surface 15737 m<sup>2</sup>**



## EXTRUSION



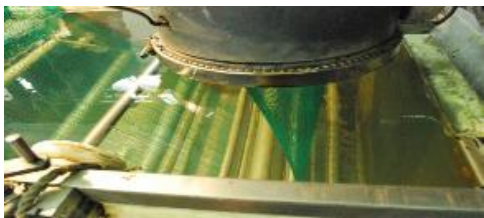
**100 % HIGH DENSITY POLIETHYLENE (HDPE) OF EUROPEAN ORIGIN.**



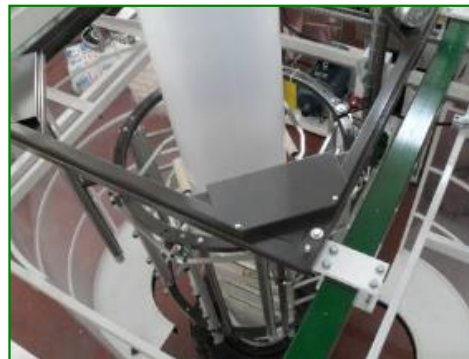
**High density polyethylene is blended with anti – UV additives, dyes, antioxidants.**



**GRAVIMETRIC DISPENSER = UNIFORMITY IN DOSING AND MIXING**



**MONOFILAMENT ARLENE HD<sup>®</sup>: HDPE monofilament with high mechanical resistance and long-lasting term**



**FILM ARLENE HD<sup>®</sup>**

## WARPING



Monofilament spools obtained in extrusion phase are utilized to make beams for Sulzer loom, knitted Raschel loom (supplied with filaments) and Raschel film knitted loom.



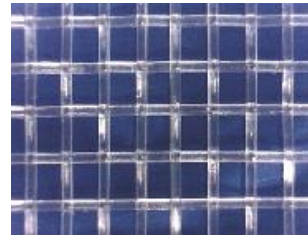
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## WEAVING



**SULZER LOOM**

**Woven nets**



- **SCIROCCO**
- **BIORETE**

**Leno weaving nets**

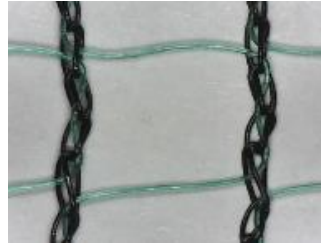


- **FRUCTUS**



## WEAVING

**KNITTED RASCHEL LOOM:** production of knitted mesh fabrics made in monofilament yarn.



- ELAION
- LIBECCIO
- BIOMAGLIA

**RASCHEL FILM KNITTED LOOM:**  
Production of knitted mesh fabrics made in tape



- ARRICOVER
- ARRICOVER WHITE
- AGRI 90 WHITE

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# CONVERTING AND QUALITY CONTROL

In this phase are used verifiers lines, folding machine, sewing and converting machines completely automated to ensure high quality products.





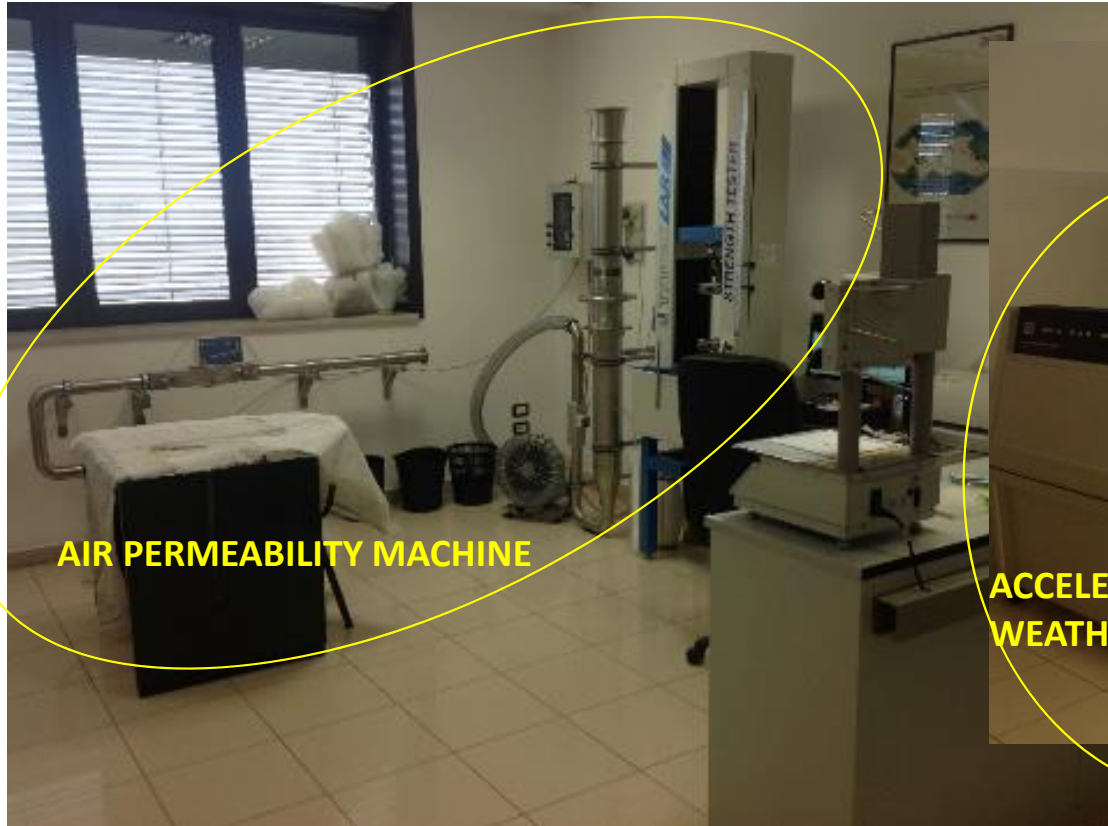
## WAREHOUSE



**Stock of millions of square meters (two thousand hectares) of nets ready to satisfy customers requests.**

## LAB AND QUALITY CONTROL

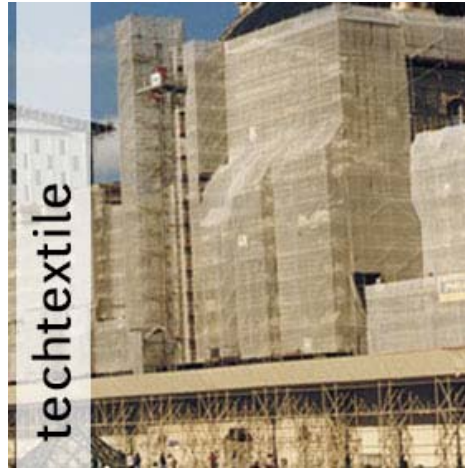
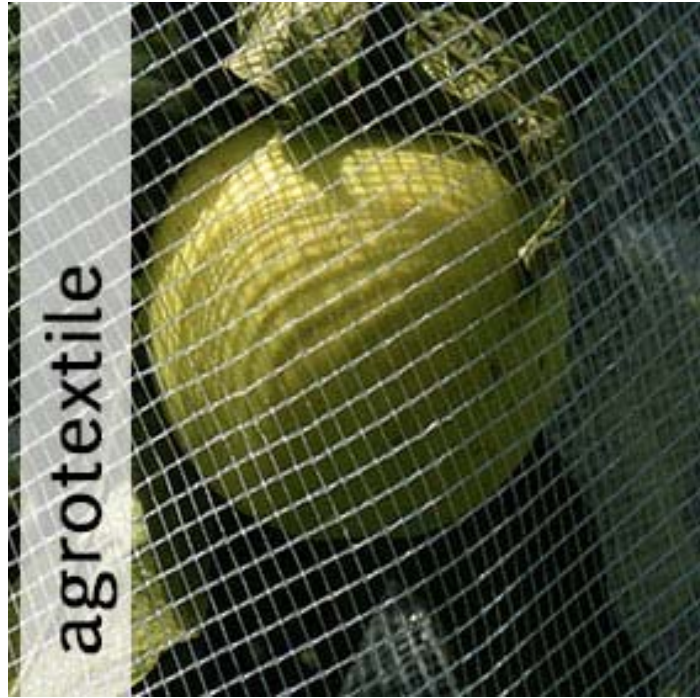
ARRIGONI's laboratory has modern instruments to test nets and guarantee a certified products, with high quality and long-term.



**AIR PERMEABILITY MACHINE**



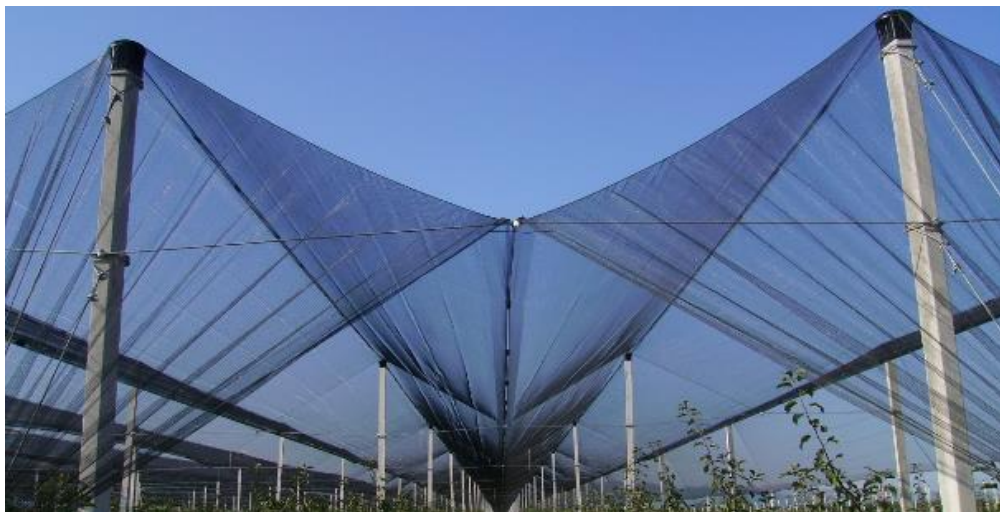
**ACCELERATED WEATHERING MACHINE**



**70 % of our business**



## FRUCTUS: ANTI-HAIL NETS FOR ORCHARDS



Industrialized fruit productions can not prescind by high and constancy of production to satisfy the large-scale distribution.

Anti-hail insurance it's not enough because the growers have to find product to sell even if there is hail, to comply with large-scale distribution. Other ways growers have to pay expensive sanctions.

**Nets are the only way to protect plants and harvests.**



### **3120 NE FRUCTUS 2,6/3**

Leno weaving anti-hail net in black colour, weight 46g/m<sup>2</sup>, hole dimensions mm 7.1 x 3.



### **3112 NE FRUCTUS 2,2/3,2**

Leno weaving anti-hail net in black colour, weight 46g/m<sup>2</sup>, hole dimensions mm 8,4 x 2,8.

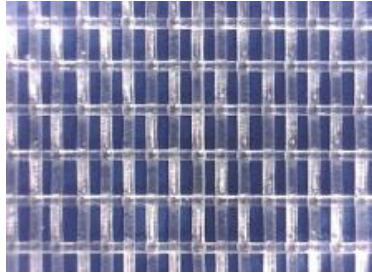


### **3140 BT FRUCTUS 2,6/4**

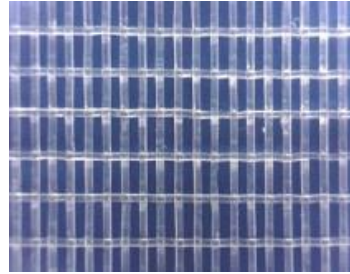
Leno weaving anti-hail net in white colour, weight 53 g/m<sup>2</sup>, hole dimensions mm 7.1 x 2.5.

## PROTECTION AGAINST INSECTS: BIORETE AIR PLUS

Arrigoni produces its nets directly from HDPE granules, a process that also made it possible to create BIORETE AIR PLUS, a monofilament net with the same hole sizes of BIORETE 50 MESH but which lets pass more 20 % air through. This is very useful for greenhouses applications, **expecially in hot climate regions.**



**3350BT BIORETE  
50 MESH**



**3352BT BIORETE 55 MESH  
AIR PLUS**

**BIORETE AIR PLUS = + 20 % OF AIR  
PASSAGE THROUGH THE NET.**

### **MORE AIR PASSAGE MEANS:**

- better ventilation
- less humidity
- less fungi diseases
- Reduction of temperature inside the greenhouses
- Better fruiting, as plant are less stressed