

AERO SEKUR COMPANY



Aero Sekur is a specialist supplier of safety systems and advanced flexible materials to the global aerospace and defense markets. The company has extensive manufacturing and R&D facilities in Italy and representation worldwide. The core competency of the business is the design and development of advanced engineered structures using flexible materials.



WE LOVE TO MAKE THE LIFE LIGHTER

AEROSEKUR
SAFETY FIRST



FROM 2004: INTERNATIONAL AGROSPACE WORKSHOP



Fondi 2004	1 day	50 persons
Sperlonga 2006	2 days	75 persons
Sperlonga 2008	2 days	120 persons + students
Sperlonga 2010	2 days	160 persons + students
Sperlonga 2012	2 days	120 persons + students

AGENCIES INVOLVED:
ASI, ESA, NASA

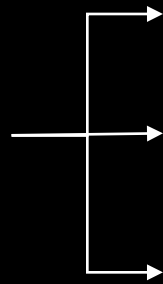


FROM 2009: TEACHING ACTIVITY

Aero Sekur “Mission” in cooperation with the Aerospace Engineering School in Roma and with the Istituto Agrario Superiore S. Benedetto in Latina:

**SPREAD
EXPERIENCE**

**MAKING
INNOVATION**



6 credit University course of Space Agrobiolgy

Lessons and Seminars at Istituto Agrario S. Benedetto in Latina

Agriculture Growers of Latina province meetings



EPO GREENHOUSE EXPERIMENT



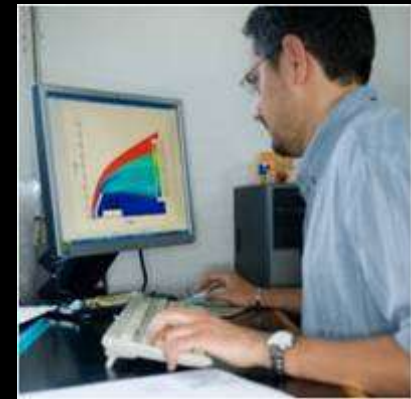
TODAY

The combination of:



An Advanced Research unit responsible on finding and test new materials and technology solutions to apply at our project.

A team of Engineers working in R&D unit on design computational analysis and drawings of new projects.



A new Prototype & Manufacturing Area

MAKES THIS POSSIBLE



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MATERIALS

Nylon and polyurethane foam flame resistant. Used for clothing as padding jackets for extreme environments. This material is particularly suitable for processing by stitching, not tear the passage of the sewing machine and can easily be formed.

According to our test at an external temperature of -30°C the internal temperature registered is 10°C .

Of course we are testing more advanced material for the LGH. One of these is the Aerogel Padding material. With this material up to now we are having good results in term of heat winning.



Hardline® - Hardline® is a fabric made of AlliedSignal's Spectra® fiber. It is a distinctive looking, high-tenacity nylon fabric with a super strong white Spectra fiber grid interwoven as a ripstop. Hardline fabric is used for rugged footwear, ski gaiters and other technical outerwear.

Tensile strength: about 2 kN

Tear Strength: about 1.2 kN

MANUFACTURING

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