

# ATAG

SERVING INDUSTRY SINCE 1947

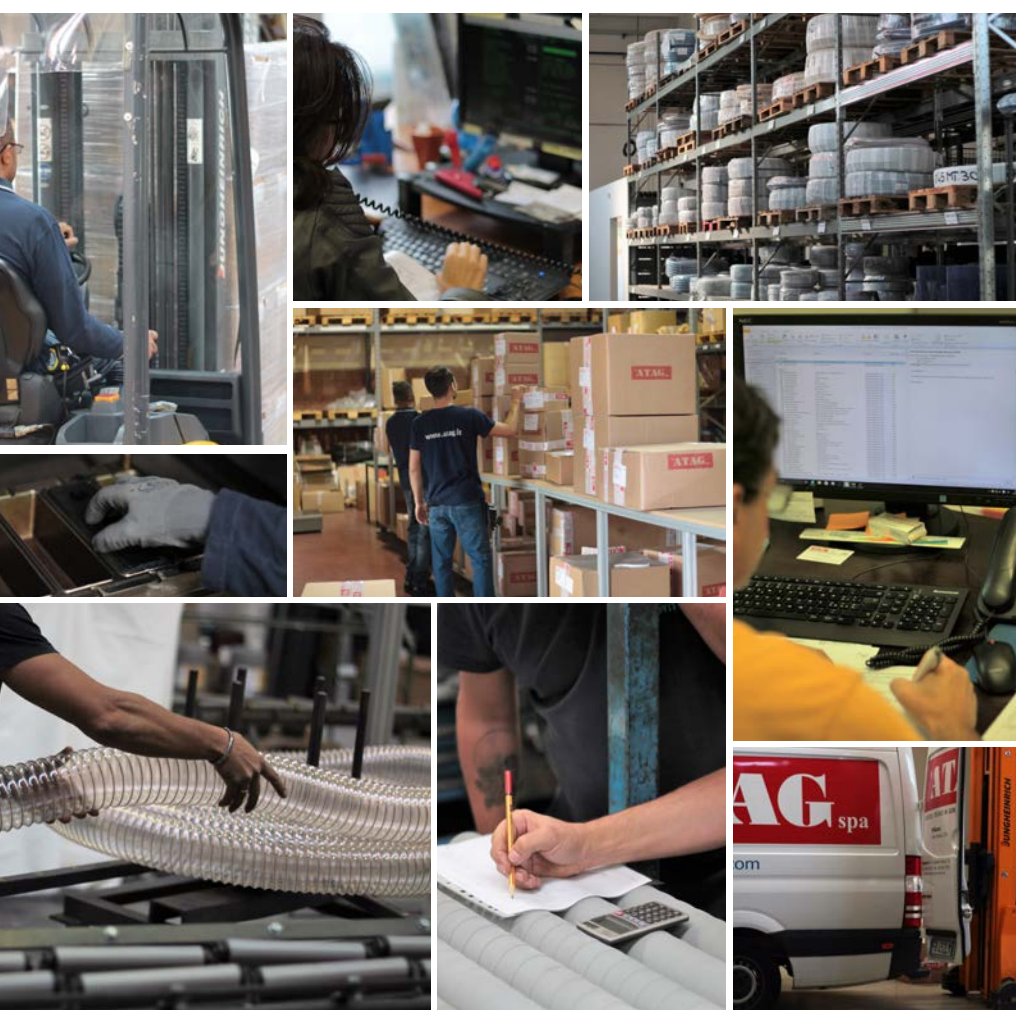


## FLEXIBLE RUBBER HEATING SYSTEMS

- E-mats
- Heating Bands
- Heating Mats
- Heater Plates
- Heaters on Design

# PAST, PRESENT, FUTURE

---



**ATAG** is serving industry since **1947** and is constantly growing.

The wide range of products, the three domestic locations plus one in Switzerland, the large warehouses, the extensive sales network, the increasingly stringent internal workings, the website in constant evolution and a service based on the qualified technical expertise offered by our sales department, are the reasons why our customers rely constantly on ATAG.

In recent years we have incorporated complementary companies, using their great competencies to improve our own skills. An efficient export department, our European resellers and long-standing customers, allow us to have a better knowledge of foreign markets and strengthen our presence beyond the Italian borders.

Collaborations and agreements with international prestige partners enable us to offer our country products and solutions that are already appreciated and well established in Europe, and to stimulate our research into improved solutions for the Italian industry.



## Electrical Heating Bands

ATAG presents the new evolution of silicone heating mats for industry.

The use of silicone covers made with our special compounds, perfectly apt to improve heat conduction, allows to reach the desired temperature much quicker.

They are also assembled to constantly work at higher than average temperatures. Our etched-foil technology for the product electrical core manufacturing allows the realization of very thin solutions which improve flexibility, use and heating speed.

These features offer the great advantage of being able to operate at a lower level of electrical consumption compared to other solutions. Moreover, we are also able to implement very high density power circuits. The laying, depending on the cases and the kind of used power, can be performed through the use of adhesives, spring hooks or Velcro.

Our products are essential in every sector of industry.

Wherever it's needed to fight against the frost or the cold, or just to maintain a stable temperature; in case of cooking, heating, warming or bringing heat in a certain place; when heat needs to be conveyed into an environment or to avoid condensation on glasses, surfaces, mirrors; they are also suitable in complex and articulated shapes, because ATAG solutions are THE SOLUTION!





## solutions for Aerospace Industry

In these sectors accuracy is the norm. Some couplings can be achieved only through heating: the metal parts are heat-treated to expand so to allow the coupling. Our application is useful also for turbochargers, or in the common industry of the bearings.

But with our technology you can also carry out the direct vulcanization of composite materials. It is also widely used in fuselages and shells repairing.

At high altitudes temperatures are icy and some sensors and delicate instruments may not afford the intense cold.



## solutions for Telecommunication Industry

The ice formation can cause very often a blackout in radio communication between aerials, repeaters, or in the use of a service. Our applications are useful in telephony services, for radio and television broadcasts, or over the air data transmission.

No matter the antenna is parabolic, standard, aerial, or in radio link, you must be sure that no ice accumulations are formed, so to ensure the perfect working in every occasion, whatever the season, climate and temperature.



## solutions for Railway Industry

Cold and ice are enemies of the railways also.

Trains, trams, cable cars and other means of transport alike, where room is of the utmost importance for travelers, finding the proper heating solution, adjustable in form and flexibility and with very tiny dimensions, is the ideal answer.

Our products allow to improve the engineering of booths-carriages-cockpits and ensure a perfect functioning of the mobile parts (doors, extensible steps, ramps, mirrors adjusting, etc.) whose mechanisms are ice-sensitive.

Moreover, modern means of transportation contain a lot of sensors whose function must be guaranteed under any climatic condition.



## solutions for Food Industry

Using heating in cooking is an obvious process since ancient times, while using electric heating is something much more recent. Heating and cooking with our heating mats is the up-to-date way.

The high thermal conductivity of our silicone compounds and their perfect seal even at high temperatures for a long period of time, the very high power density they can sustain, plus the possibility of easy transition from hot to cold (on/off) temperatures, make our mats both the suitable products when alternative kitchen tools (hotplates and portable ovens) are needed, and the best solution in case of use of traditional ones (chafing dishes, cooking in a bain-marie).



# ATAG

SERVING INDUSTRY SINCE 1947

**IT\_20128 MILANO**

ph. +39 02 255.22.51

mob. +39 329 68.78.260

ufftec@atag-europe.com

**UK\_G66 GLASGOW**

ph. +44 01360 311.685

mob. +44 0756 204.70.05

andrew.wood@atag-europe.com

connect & discover the  
**ATAG Universe**



**WWW.ATAG-EUROPE.COM**