

# ATAG

SERVING INDUSTRY SINCE 1947

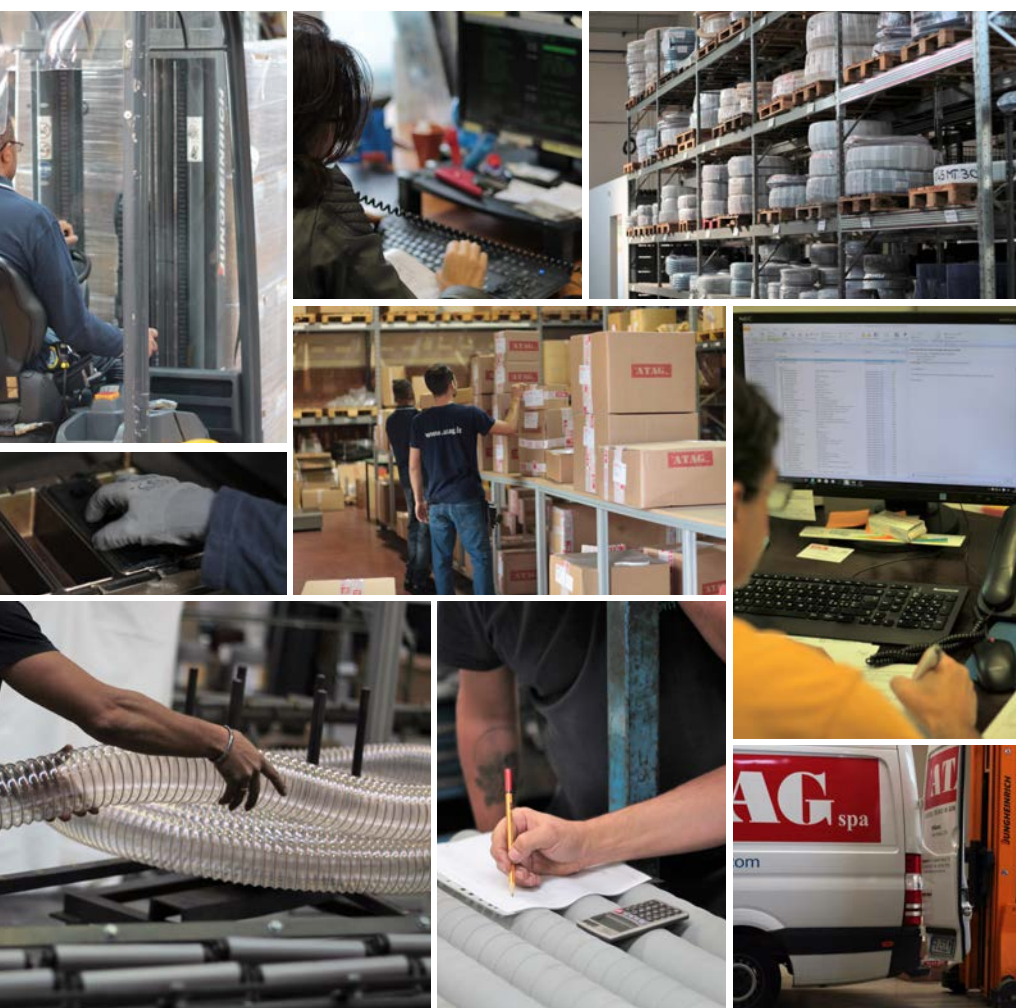


## FLEXIBLE RUBBER HEATING SYSTEMS

- 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, the controlled companies, 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

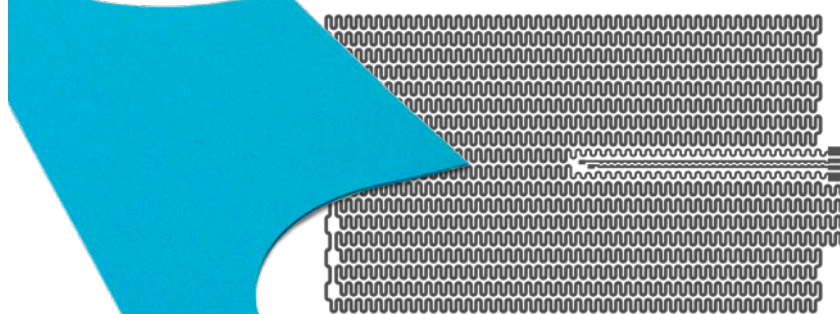
3F39 bdWVfe fZW W Vha'gfja` aXe(l'Ua` WZVSf` Y  
\_SfeXad[ Vgefdz`

FZWgeWax e(l'Ua` W UahVte` \_SVWi [fZ agd dbWUS`  
Ua\_bag` VdbVWVfk Soffa [ bcdhWZVSfUa` Vglfa` I  
S'ai efa dVSLZ fZWWVedW fV\_bVdfgdV\_gLZ cglUjVz`

FZVK SdWS'ea SaeW\_T'W' fa Ua` eS' fk i ad] Sf Z[YZVd  
fZS' ShVSYWVW\_bVdfgdV'ZA gdmUZVWZa[ 'fVUZ` a`aYk  
Xad fZWbcdVglf WmVfqlUS`LadV\_ S' gSufgd` Y S'ai e  
fZWdVSl`Sfa` aXhVdk fZ[ ea'gfja` ei Z[LZ [ bcdhW  
X'j [T [fkl geV'S V ZVSf` Y dbWVz`

FZ eWVdfgdV'offVdfZWVdV'f SVhS' fSYWaXTW' Y ST W  
fa abVdfVSf S'ai Vd' WmVaxWmVfqlUS`Ua` eg\_bfja`  
Ua\_bSdW' fa afZVd'ea'gfja` e'z? adV'hVd' i WsdV'Sea  
ST Wfa [ b'W' Wf hVdk Z[YZ VVefk bai Vd' Ufdj[fez`  
FZWSk[ Yf VVbWV[ Y a` fZWLSeV'S V fZW[ V ax  
geW' bai Vd' US' TWbV'ad\_W' fZcbgYZ fZWgeWax  
SVZV'hV' ebdq` Y Zaa]eadHM'bz`

A gdbcdVglfV'edW'fS` VmVdk eV'fadaX[ Vgefdz`  
I ZVdV'Vd[ f'ie` WmVW' fa X' ZfSYS[ ef fZW'cb'ef adfZW  
Ua'Vl ad'gef fa \_S[ fS[ S'efST WmVW\_bVdfgdV[ USeW  
aXUaa][ Yf ZVSf[ Yf i Sd\_ [ Y ad Td' Y[ Y ZVSf [ S  
UdV'S[ b'SUWi ZW ZVSf` WmV'fa TWUa` hVkw [ fa  
S' Wh[da` \_Wf adfa Sha[V Ua` VVesfja` a` YSaeV  
egdSUV' \_ [cb'cd-fZVK SdWS'ea egfST W[ Ua\_b'W' S V  
SclUg'SfW' ezSbV' TWV'geW'3F39 ea'gfja` e SdVf: 7  
EA >GF;A @`



## 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

[WWW.ATAG-EUROPE.COM](http://WWW.ATAG-EUROPE.COM)