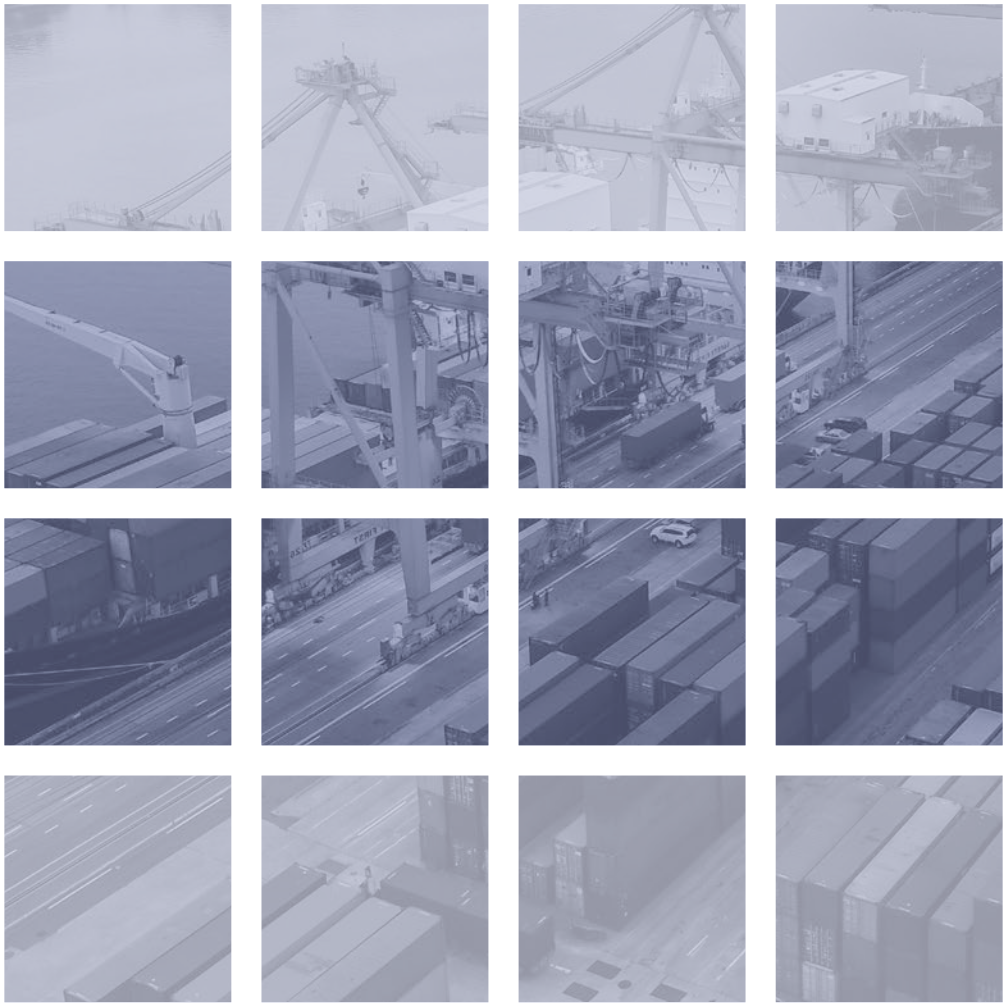
ATAG

SERVING INDUSTRY SINCE 1947



Marine Industry

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Marine Industry

Air, Smoke and Steam Ventilation Hoses

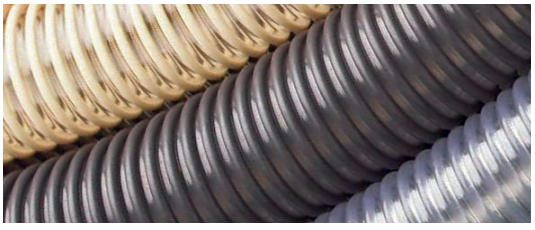
Hoses for suction and ventilation of air, gas, fumes at medium to high temperatures, for air conditioning and dust transport, whose static electricity can be dissipated through the use of specific technical fabrics.

Hoses with self-extinguishing, antistatic or anti-abrasive characteristics. Resistant to ozone and UV rays. Having great flexibility and lightness.

Liquid Substances Hoses

Flexible hoses suitable for the transfer, transport under pressure or vacuum of all kinds of fluids: organic and inorganic acids, salts, bases, ketones, paints, petroleum products, alcohols, gasoline, animal and vegetable oils.

Made of specific rubbers or plastics, our hoses are chemically resistant to the passing fluid, robust, antistatic on request, and compliant with food regulations or the ATEX regime. Some structures grant specific characteristics such as transparency, light weight or improved flexibility.



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Composite Hoses

Constructed with windings and weaves of PE, PP, PTFE films and fabrics, specifically aimed at suction and delivery transport of chemicals, including highly aggressive ones, acids, paints, solvents, hydrocarbons. They are often used in place of rubber hoses since they are much lighter and easier to handle. Used for transfers from tankers, silos, tanks and process machinery where flexibility and light weight are essential requirements. They are supplied in determined lengths with fitting ends.

Rubber Expansion Joints

Rubber technical elements, with flanges, aimed at vibrations absorbing and compensating for expansion and misalignment of fixed structure systems used to transport pressurized fluids. Indispensable in the naval and industrial fields.

Our couplings have been approved by many merchant and military navies worldwide. Quality compounds and special manufacturing create a range of items capable of meeting all needs. Both internal and external accessories are available: they improve their special characteristics, protect the joint from flame or limit its excessive excursion.

Clipped Hoses

Despite their light weight, they are extremely strong tubular structures with an incredible tensile strength.

The special feature of the clipped hoses manufacturing is that it allows the coupling of special technical fabrics by means of an external, specially laminated metal helix, which also acts as a protective body in case of scraping. The composition of their fabrics determines its performance and prerogatives of use. Essential in specific industrial and naval contexts.

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Metallic Expansion Joints

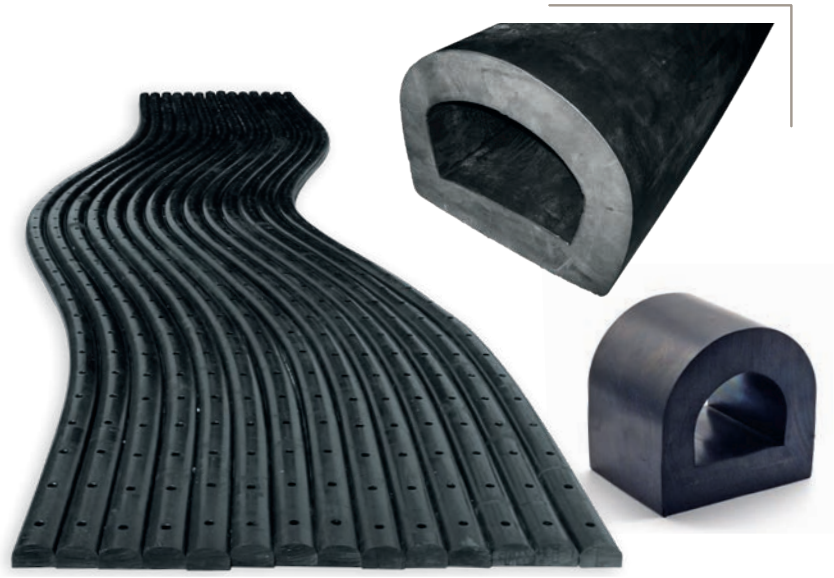
Connection systems consisting of corrugated stainless-steel plate especially designed to work like a bellows: it can expand, compress and compensate for thermal excursion and pipe shifts in rigid systems, particularly used in large or very large diameter sections plants.

They are equipped with accessories such as conveyors and tie-rods specifically designed to respond to particularly difficult use situations. This item is fit for a wide range of situations thanks to the use of stainless steels.

D- Shaped Bumpers

Elastic elements designed to absorb bumps and frictions.

They are suitable to protect boats, docks and wharves from bumps; used as safeguard barriers for walls and columns in parking lots and hangars; very useful in warehouses as shock absorbers in case of contact between forklifts and shelves or prefabricated units; on trucks as elements to protect loading docks; as bumpers on the back of trucks. They are made from black rubber, particularly resistant to impact, abrasion, tearing, aging, weathering, and seawater.



Protection and Signaling Systems

These polyurethane foam profiles are flexible, durable and shock absorbent. With their distinctive yellow and black stripes, they mark and signal dangerous working areas, meeting the industry regulations. They coat edges, corners and sharp-edged surfaces from accidental contact. A special film protects the outer coating, the graphic markings, and the colored bands from abrasion and UV rays. They are durable and self-adhesive for easy application.

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Rubber Extruded Profiles and Foam

Square, rectangular, round, oval, tubular sections, customed-designed in the most complex shapes. A section of ATAG website is dedicated to the thousands of existing selections.

Some sections are made from compacted rubber and others from rubber foam, but co-extrusions and the production of metal-core drawn sections are also possible. The compounds used are of various types (FKM, NBR, EPDM, CR, SBR, NR, VMQ) and they can be made also with special color and hardness, or meet specific certifications.

Inflatable Gaskets

We produce inflatable gaskets from the extrusion of the most suitable shape for the specific application.

The drawn gasket is cut to size and ring-sealed by hot or cold bonding, depending on the system economy or the required performance. A suitable valve is applied and tested to ensure its proper working.

Rubber Custom Gaskets

We are able to produce rubber molded, die-cut or water-jet cut items on specific designs.

All types of commercial rubbers are available, together with a growing fleet of in-house cutting and molding machines: this peculiar conditions enables us to quickly and independently carry out any production, and promptly meet the most demanding requests.

Anti-Vibration System

Items with a rubber elastic body and a specific metal structure designed to absorb vibrations, they are inserted between the disturbing element and its support. There are countless models, designed for all kinds of applications. They are practically essential in marine engines, cockpits, generator sets, bilge pumps and onboard instruments. ATAG's extensive catalog meets every need.

Our most common types of anti-vibration dampers are produced in different hardnesses for a wide range of applications. Unwanted vibrations can dissipate energy and create disturbing sounds and noises, damage the equipments close to the disturbing element, affect the sensitive instrumentations 'working, or invalidate their results.

Hose Couplings & Fittings

ATAG supplies fittings of different kinds, depending on the application. The world of the specific international connection types and their regulations is very complex. Here are some types of fittings: according to Cuna, DIN11851, CAMLOCK, GUILLEMIN-AFNOR, STORZ, SMS, CLAMP standards, GAROLLA, BSP screw, NPT or Cassoni pitch, steam and drip-proof type for hazardous transfer or valuable materials conveying.

In particular, MANN TEK quick couplings are greatly popular in the marine sector, installed in transportation pipes, since they can be released, even accidentally, without nor loss of product and damage to the connection system.

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Customized Rubber Elbows and Sleeves

ATAG manufactures custom molded silicone sleeves and hoses for engine cooling circuits, for the original equipment or repairing. The ends are smooth, with the same pipe cross section, or with oversized unions to suit the different coupling systems. Produced with various silicone compounds and different reinforcing inserts, depending on the temperatures and pressures of use. ATAG also makes hoses with the same manufacture, up to 4mt in length.

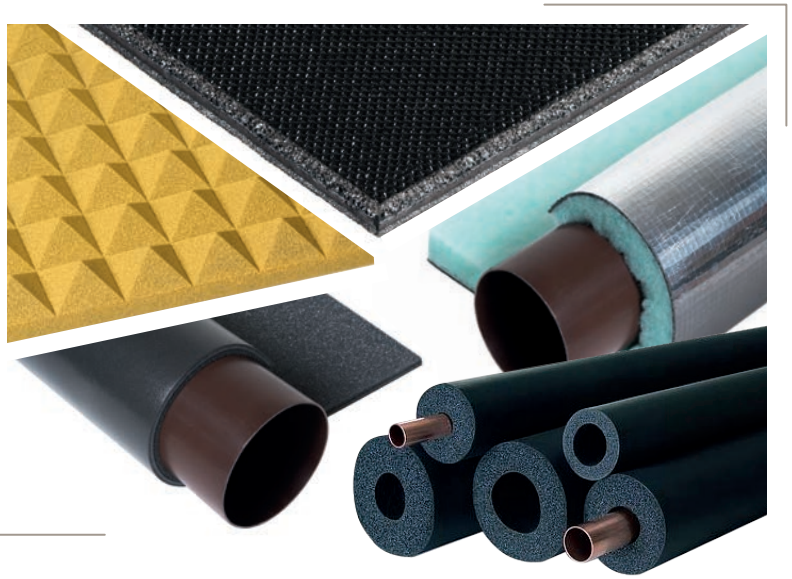
Manufacturing Custom Parts

ATAG provides a machining service for the production of custom-designed technical parts, including highly complex ones. We use plastics of all kinds (PVC, PA, POM, PTFE, PEEK, HDPE, etc..) that complement the sale of semi-finished products of the same nature that have always been available in ATAG's stock of articles. Machining is in-house with 3- and 5-axis pantographs, waterjets, automatic lathes and cutting benches in continuous increase. ATAG follows all the processing stages, from raw material manufacturing to final testing.

Sound-Absorbing and Sound-Impeding Products

Noise can cause serious damages to the auditory system, lead to discomfort and limit concentration. Acoustic comfort is important. ATAG offers materials specifically designed to prevent the propagation of noise (sound-impeding) and/or absorb its reverberation in the environment (sound-absorbing).

The same type of foam material is also used to insulate rigid piping to prevent condensation, act as a thermal coat, and as protection from occasional contact to avoid the risk of burns or bruises.



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