



COMPANY PROFILE

TF TEN-FLUID
TECHNICAL GASKETS

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TEN-FLUID IN NUMBERS

Ten-Fluid company history began in the early '80s in the province of Bergamo thanks to the passion and entrepreneurial will of its founder.

Ten-Fluid has always worked in close contact with the main companies operating in various production sectors: from the automotive industry to the hydro-sanitary industry, from pneumatics to mechanics.

The successful cooperation with these companies has allowed Ten-Fluid to expand its production range, thereby diversifying its offer.

SINCE

1984

MORE THAN

7.000

TYPES OF TECHNICAL ARTICLES

A TOTAL AREA OF

10.000

SQUARE METERS

165.644.200

PIECES LAST YEAR

A TAILOR-MADE APPROACH FOR EVERY PROCESS

Ten-Fluid has deep roots in the Italian tradition of manufacturing with a constant glance to the new technological solutions.

The result is a high-quality product, able to meet every requirement.

ALWAYS CUSTOMER ORIENTED

When a project starts, we guarantee a technical consultancy which follows a selection of raw materials based on customer's requirements.

After that, we can provide a complete moulding project management service from design to the production: we also offer a customized packaging for the finished products, as well as a dedicated shipping service.



PRODUCTION PROCESS

All departments are organized to ensure total efficiency.

Each batch of mixture is checked and stored in a special cell that ensures constant temperatures and humidity at any time of the year.

Ten-fluid takes extremely care of each phase of the production process: from the first technical consultancy to the selection of raw materials, followed by the production.

Ten-fluid uses injection and compression presses for the production of rubber elements and plastic components. The flow continues with the quality control and the post-processing phase, which includes the post-curing treatment.

After the last quality control, products can be packed and shipped.



PRODUCTS

Our products guarantee the high levels of sealing required in the most diverse fields of application.

We satisfy our customers high quality requests, realizing custom-made products in compliance with international standards.

A WIDE RANGE OF PRODUCTS FOR ALL THE REQUIREMENTS

- LIP GASKETS
- FRAME GASKETS
- SUCTION CUPS
- MEMBRANES
- CABLE GLANDS
- FILTERS
- RINGS
- DIAPHRAGMS
- COLLARS
- DISKS
- WASHERS
- NOZZLES
- GROMMET
- CLAMP SEALS
- RUBBER BALLS



- OVERMOLDED RUBBER, METAL OR PLASTIC
- PRESSURE GAUGES COVERS
- MICRO-CUSTOM PARTS
- NON-RETURN VALVELETS
- FLEXIBLE BELLOWS
- ANTI-EXTRUSION RINGS
- DIAPHRAGM ACCUMULATORS
- V-SEALS
- X-RINGS
- O-RINGS
- CUSTOM ITEMS
- 3D PRINTED CUSTOM ARTICLES
- AND MORE...



APPLICATIONS

OUR GASKETS ARE DESIGNED FOR A WIDE VARIETY OF APPLICATIONS

Every field of human activities that involves the use of machines needs specific components for their own functioning; we provide every day a large part of them.



AUTOMOTIVE



FIRE INDUSTRY



NAVAL



LIGHTING



LAND AND GARDENING
MACHINES



FOOD & BEVERAGE



HEATING



HYDRO-SANITARY



HYDRAULICS



ELECTRICAL APPLIANCES
AND ELECTRICAL



PNEUMATICS



PUMPS AND MOTORS



TECHNICAL COMPONENTS



INDUSTRIAL ROBOTICS

QUALITY



In order to meet all customers' requirements and ensure that results adhere to all the specifications ordered during the design phase, details are checked in every process step.

Through continuous checks assisted by precision instruments:

- durometer,
 - density meter,
 - optical measurement machine,
 - rheometer,
 - plates for compression set,
 - precision scales
- and more

The entire production process is fully monitored.

The final quality control is carried out manually or with five optical measurement machines, thus are ensuring the product's highest quality.

RAW MATERIALS

FOR TEN-FLUID THE CHOICE OF MATERIALS IS AN ACCURATE PROCESS

The connection between these two fields is close and consequential: only from high quality materials we can make products of the same level. We use state of the art elastomers provided by the leading producers.

The mixture is developed according to each specific customer's requirement in order to satisfy the most varied applications, including mixtures certified according to the main international standards.

COMPOUNDS

AREA 1

NBR

SBR

HNBR

ACM

EPDM

AEM

CR

AREA 2

LSR

VMQ

FKM

FFKM

FMWQ

AREA 3

PTFE

TPE

POM

TPU

PA 6.6

HOMOLOGATED COMPOUNDS



TZW Technologiezentrum Wasser

KTW
W270
UBA



TGM

ONORM B 5014-1



DVGW Deutscher Verein des Gas
und Wasserfaches e.V.

EN 549
EN 681



Railways Applications

EN 45545-2



NSF International



NSF 61
N 70 60 003 197
E 70 45 003 022



WRAS Water Regulations Advisory Scheme

BS 6920



CARSO Laboratoire Santé Environment
Hygiene de Lyon

CLP
ACS



CERISIE Laboratorio per la certificazione e
ricerca sui sistemi elastomerici

DM 174
DM 21.03.1973

COMPANY CERTIFICATIONS

TEN FLUID'S COMMITMENT TO QUALITY

In addition to the product certifications, our attention to the entire production process has led us to achieve its UNI EN ISO 9001 certification, continuing to respect our surrounding environment according to UNI EN ISO 14001.



UNI EN ISO 9001
Quality Management System



UNI EN ISO 14001
Environmental Management System

Subsequently, thanks to its commitment and precision, Ten-Fluid achieved the IATF 16949 certification for the automotive compartment.



IATF 16949
Automotive Sector

Ultimately, we focus on the well-being and safety of our workers, obtaining the UNI EN ISO 45001:2018 certification, which ensures compliance with the standards of good practice for the protection of all workers.



UNI ISO 45001:2018
Occupational health and
safety management systems

ENVIRONMENTAL SUSTAINABILITY

TEN-FLUID operates in the perspective of developing by safeguarding its long-term profitability which results in the need to create products that satisfy customers in compliance with environmental and safety laws, adopting, as far as possible, the logic of a sustainable development and an optimal use of resources.

In order to have a coordinated management of environmental issues, assignments have been entrusted to managers and internal staff with whom an Environmental Management System has been created (EMS ISO 14001: 15).

Our firm intends to promote staff mindfulness and responsibility towards environmental protection through training, awareness and training actions.

The General Management of TEN-FLUID Srl ensures the maintenance and development of environmental management by providing adequate support and appropriate resources.



EDUCATIONAL PROGRAM

TEN-FLUID offers its employees free courses, mainly oriented in language, customer service, etc., and finalized to improve suppliers and customers relationships.

We organize internal courses in the technical area and let our technical workers to attend external courses in order to keep up our knowledge on new technologies and materials.

TEAM BUILDING

TEN-FLUID organizes team building activities every year, increasing the sense of belonging and company loyalty.

We also organize different types of activities, such as outings, dinners, different ways to increase team affinity.

OUR ROOTS

PASSION AND EXPERIENCE, HANDLED DOWN TO THE NEW GENERATIONS

Thirty years and more of story,
evolution and challenges.

The entrepreneurial view of Ten-Fluid
has driven the company to achieve
great goals.

The future is ready to be written.



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