

**TF** **TEN-FLUID**  
TECHNICAL GASKETS



# 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.



# 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
- CUT GASKETS
- RUBBER BALLS

- OVERMOLDED RUBBER, METAL OR PLASTIC
- PRESSURE GAUGES COVERS
- MICRO-CUSTOM PARTS
- NON-RETURN VALVELETS
- FLEXIBLE BELLOWS
- ANTI-EXTRUSION RINGS
- DIAPHRAGM ACCUMULATORS
- CLAMP SEALS
- 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



HEATING



FOOD & BEVERAGE



HYDRO-SANITARY



HYDRAULICS



ELECTRICAL APPLIANCES  
AND ELECTRICAL



PNEUMATICS



PUMPS AND MOTORS



TECHNICAL COMPONENTS



INDUSTRIAL ROBOTICS

# QUALITY

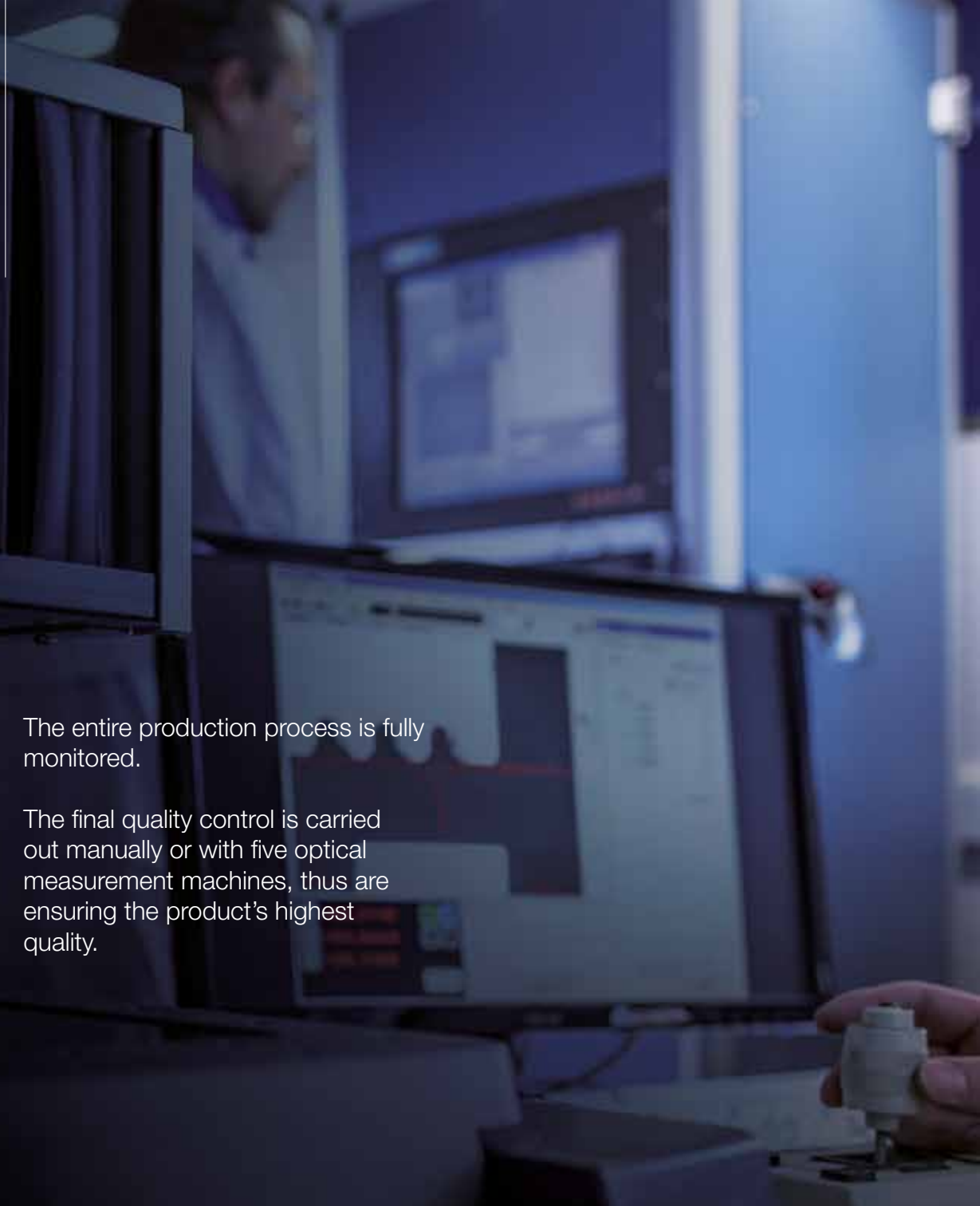
In order to meet all customers' requirements and ensure that results adhere to all the specifications ordered during the design phase, details are checked in every process step.

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 made 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	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

# 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, HANDED 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.







CLEVER SOLUTIONS  
FOR SEALING

**Ten-Fluid s.r.l.**

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