



Se.Fa

GIVE SHAPE TO THE RUBBER

Italian Quality

www.sefasrl.com





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*Give shape to the
Rubber!*

Company profile

Se.Fa designs and molds rubber articles on its own project or on specific customer request. The company operates within the molded rubber market distinguishing itself for the quality of the products and for the promptness in responding to the customer, proof of the System and product certifications obtained.

Se.Fa was founded in **1992**, its activity is mainly based on the production and supply of projects for third parties on a production area of a few hundred meters with only 3 presses for rubber molding.

A new property took over In year **2000**, which is the current one, which completely overturns the company's operations, focusing on decidedly important objectives. Large investments begin, with the increase in the production area and the addition of new generation presses. This will be the beginning of the path that will lead Se.Fa to the achievement of the most ambitious objective: **to become a producer of technical rubber articles even of large dimensions (over 15 kg weight) with its own project.**

Today Se.Fa insists on a total area of 25000 square meters, of which 11000 square meters are covered; the production departments includes over 25 presses and over 10 robots for continuous cycle

work; A logistics and customer care office is operating in response to all customer needs.

100 square meters of laboratory, with a rich instrumentation, are dedicated to the control of the raw material and the finished product. The constant commitment to technological research and the use of state-of-the-art systems and equipment are some of the main tools that allow Se.Fa to **respond adequately to the different needs of the customers.**

The company markets its products all over the world and is a partner of the largest tank producers thanks to a strategy based on timely and quality supplies.

Seriousness, commitment and quality research have allowed Se.Fa to become a leader in the molded rubber market.

Mission

Serving our customers with the ever higher professionalism, speed of execution and supply of items with technical and physical / mechanical qualities that allow maximum durability over time.

Vision

Being a reference point for companies in the sector, a partner able to develop the customer's project up to the finished product with a turn key service.

Values

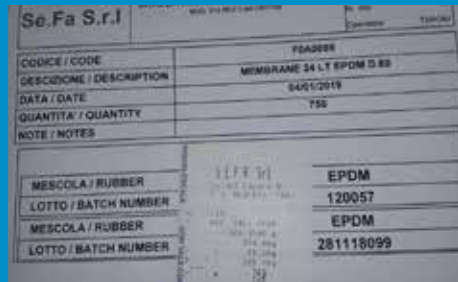
- Professionalism
- Responsibility
- Cooperation
- Common sense
- Environmental Protection
- Commitment
- New mentality
- Safety
- Respect



Company plus

Traceability

Se.Fa keeps track of **all the elements of the production cycle** that create, modify or transform the product, thanks to its automated information management system.



Se.Fa S.r.l.	
CODICE / CODE	FRAGGER
DESCRIZIONE / DESCRIPTION	MEMBRANE 24 LT EPDM Ø 83
DATA / DATE	04/05/2019
QUANTITA' / QUANTITY	750
NOTE / NOTES	
MESCOLA / RUBBER	EPDM
LOTTO / BATCH NUMBER	120057
MESCOLA / RUBBER	EPDM
LOTTO / BATCH NUMBER	281118099

Quality controls

The Quality Management System includes a **series of quality controls** before, during and after the production process in order to guarantee that the product meets the customer's requirements.



Control Point	Value	Limit	Status
1510	0		
5210	1148	8	67
10	180	0	0
36	180	14	247
65	70	188	188
73			

Ethics

Se.fa promotes safety at work and the protection of the environment and health through strict compliance with active laws and the encouragement of responsible behavior. Se.Fa implemented the organization and management model pursuant to **Legislative Decree 231/2001** and appointed an external supervisory body.

Management System Certifications

Se.Fa has obtained the certification of its integrated management system by the TUV - southern Italy, according to three international standards:

- **ISO 9001** - Sistema di Gestione per la Qualità;
- **ISO 14001** - Sistema di Gestione per l'Ambiente;
- **BS OHSAS 18001** - Sistema di Gestione per la Sicurezza.

Product Certifications

Se.Fa is able to offer products that correspond to specific regulations:

- DIN 4807/3 – DIN EN13831 n°8.5.2
- EN 14241-1:2013
- D.M. n° 174 24/09/2008
- UBA – ELASTOMER GUIDE LINES
- DVGW W270
- NSF/ANSI 61
- WRAS - BS6920 -1:2000 WATER REGULATIONS ADVISORY SCHEME
- ACS – ATTESTATION DE CONFORMITE SANITAIRE
- GOST

Laboratory

New laboratory built on an area of 100 square meters.

The instruments used are of new generation and are used for quality controls on the raw material and the final product.

The laboratory has the following instruments:

- Ovens for compression set, permanent tensile deformation test, ageing test, corrosion test, post curing test
- Rheometer (compound reometry)
- Laboratory Press:
 - > Realization of standardized plates for raw material test
 - > Crushing/deformation tests
- Dynamometers with climatic chamber
- Durometer Shore A
- Durometer IRHD
- Scales for density
- 5x and 60x magnifying glass to verify homogeneity mixes and degree coumpound dispersion
- Permeabilimeter for static permeability test
- Gauges for dimensional measurements
- Punching machine to have different shape specimens for testing
- Instrumentation for insulation electrical resistance test
- Fatigue tests bench membrane installed in the tanks



Continuous controls
on incoming raw
materials and the
performance of
produced items

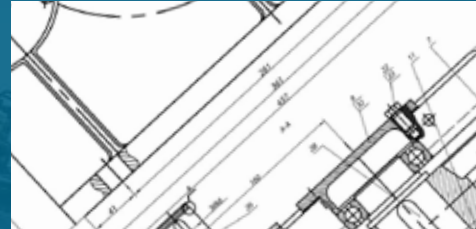


Product development

1

CO-DESIGN

The customer provides technical specifications and norms in connection with it



2

RAW MATERIAL

Evaluation of the raw material to be used according to the final use of the product



3

CAD MOLD

CAD drawing for the optimal realization of the mold



4

PROTOTYPE

Control of the production process and optimization of the parameters



5

TEST

Testing of the finished product and issue of certificates and declaration of conformity

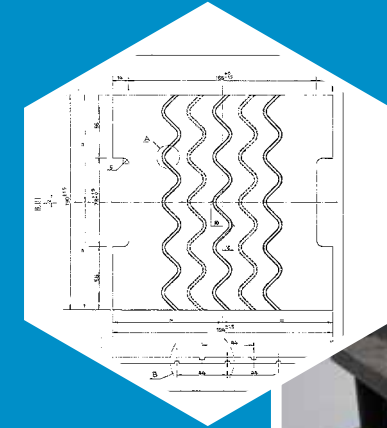


Case study

Sub-rail plate for Italian Railway Line

Se.Fa is an official provider of Italian Railway Line (**Ferrovie dello Stato Italiane Group**) for the construction of various types of rubber **sub-rail plate**. From the technical drawing received from the customer, the relative **CAD processing** for the **creation of the mold** has been produced. The technical staff of Se.Fa has analyzed and developed the most suitable raw material for the final use of the product in accordance with the tender specifications. After the **realization of the prototype**, the control process was started that allowed the **verification of conformity of the required requisites**.

The **main function** of the rubber under-rail plates in the railway armament is **to reduce the vibrations** generated by the imperfect contact between the train wheels and the rails and **to act as an insulator** between the tracks



Give shape to the rubber

All products comply with the European directives on toxic substances (REACH) and heavy metals (ROSH). Raw materials are carefully selected, checked, and provided with the necessary safety documentation.

Membranes

Membranes for pressure tanks and bladders for expansion vessels for heating and water lifting systems products in EPDM (white, black, honey), BUTYL, SBR, NBR materials in compliance with DIN4807/3 - DIN EN13831 n°8.5.2.

- Bag and double volume membranes for tanks up to 1500 liters
- Fixed heating bladders for expansion vessels up to 500 liters
- Membranes for large tanks up to 10000 liters
- Membranes for reverse osmosis tanks

Our membranes are produced using appropriately formulated compounds to guarantee durability and rigorously chosen according to the final use.



Rubber technical items

They are made according to the customer's technical specifications:

- Under-rail plates
- Caps
- In-fill fittings
- Sleeves
- Bushings
- Wall cover gaskets
- Engine cover gaskets

Gaskets for chimney flues and boilers

Our seals offer the best guarantees of resistance and durability. They are produced in EPDM HT and silicone of various colors / black, red, blue), according to the provisions of EN 14241-1:2013 in terms of resistance to high temperatures and acid condensation. Available in diameters from 60 to 600 mm with different sealing profile.



Customer care

We take care of our customers from the order to shipping the goods. The Customer service office offers full support for each phase of the sales process: from the single request for information to the sending of the order up to the back office. In addition to the commercial and technical aspect, Se.Fa also provides for the shipment of the ordered products. The large, newly constructed warehouses ensure optimized and efficient product storage, enabling timely deliveries around the world. Se.Fa to accelerate shipments also has a warehouse in Turkey for sending goods in Middle Eastern and Asian countries that is regularly supplied by the Italian factory - made in Italy product.



You can count on us. Always!

Se.Fa srl
Via del Lavoro, 10
48123 Ravenna ITALY
Tel +39 0544 528784
Customer care: estero@sefasrl.com
logistics office: logistic@sefasrl.com

www.sefasrl.com

