



COATING TECHNOLOGY

cleaning & anti-friction treatments

EFFICIENCY

ADDED
VALUE

CUSTOMER
CARE

HIGH
QUALITY

COMPETITIVENESS

Introduction

Coating Technology S.r.l. is a young and dynamic company born in 2016 to satisfy the needs of an emerging market that was becoming relevant.

Coating Technology is specialized in surface treatments for elastomers, silicone, rubber and other materials such as: technical cleanliness in a closed space, plasma treatments, transparent or colored PTFE treatments, solvent-based treatments and coatings for food and drinking water industry.

Certified by the TÜV institution for the ISO 9001:2015 regulation, Coating Technology works in full compliance with the quality system, guaranteeing high standards in all the surface treatments. Coating Technology complies with FDS, WRAS and MOCA policies.

The company can accommodate any kind of request concerning the most different fields: industrial, automotive, medical, food or the cosmetic one. Coating Technology can guarantee high qualitative standards and traceability of its processes as it offers a wide range of products provided by the main lubricant's suppliers.

Equipped with an in-house laboratory, the company can autonomously carry out coefficient of friction measurement tests on every outgoing batch, in order to guarantee the regularity and repeatability of its treatments.



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Presentation

In 2008, Mr. Belometti founded Service-Gom, a company specialized in deflashing and grounding for elastomers.

Few years ago, in 2016, Mr. Belometti discovered a gap in the market where the presence of a company specialized in coating was necessary, so he founded Coating Technology.

The company started with only 2 people and 1 coating machine.

Today, in 2021, Coating Technology counts 8 employees and 8 machines. Moreover, the R&D department is always working on the latest technology in coating treatments and process optimization.

Coating Technology is expanding into the international market thanks the team work among our sales and technical department. In 2020 we coated 900 million pieces, 2 shifts per day (78% for the Automotive Industry).



Production site

Here the list of our machines that operate the coating treatments:

- 2 high pressure water cleaning machine (the machines are in a closed room in order to avoid contaminations);
- 2 plasma machine (this process, "the activation", prepares the surface of the elastomers to receive the coating);
- 4 coating machines (the effective coating process);

Once we receive the parts, our process takes place in this way:

- Washing process: fully automated process where the operator only put the parts in the metal basket and set the standards.
- Activation process: the operator put the parts in the machine to activate them through plasma; also, in this case the process is completely automated.
- Coating Process: this process is fully automated with air-less spray guns. During the coating process the temperature can reach 60-70°C. Some product has to be placed in the hoven as final step in order to stabilize the coating on the surface.

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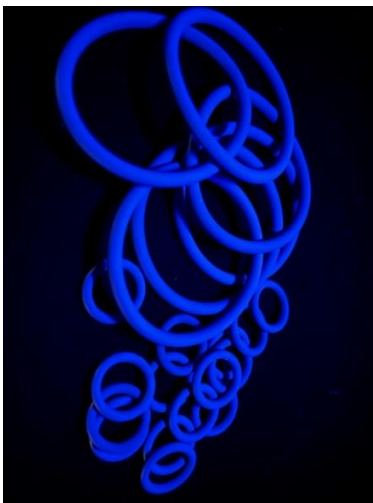


Quality department

In our lab we can test the friction coefficient.

The test takes place in this way:

1. the operator put the seal under a metal box of 200 g. The box is linked to an automatic arm that pulls the box, and the seal below, for 120 mm.
2. The process is controlled by a software on the PC and during this journey it calculates the Dynamic and the Static friction coefficient.
3. The Quality Department tests every outgoing batch, if the result matches with the PPAP sample, approved by the customer, we approve the batch.



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The Modus Operandi

1st Step:

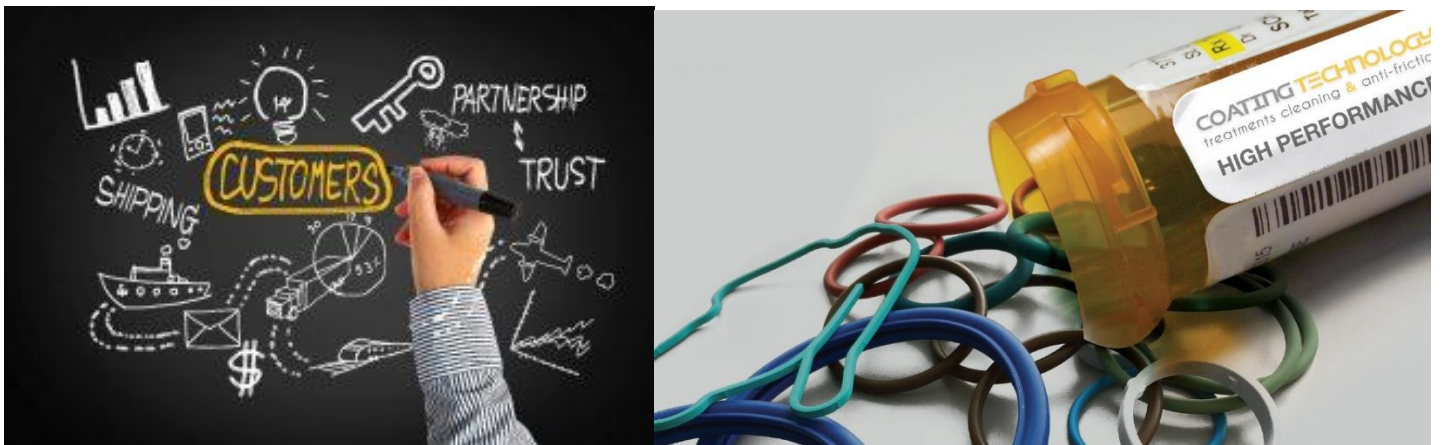
- We listen to customer's needs and check the technical draw.
- We study the solution with the technical department.
- We coat the samples that the customer has sent.
- We double-check the samples with our quality department and the client.

2nd Step:

- We communicate with the clients to agree on the results.
- We sent the quota for the total order.
- We receive the products to coat.
- We start the coating process.

3rd Step:

- We check the results with the quality department.
- We check the repeatability of the process.
- We package the product in a closed room to avoid contamination.
- We ship the final product to the client.



We provide coating for automotive, food and pharmaceutical industries (FDA, UBA, DVGW, WRSA, MOCA standards).

We have experience in coating different kind of components and different size: O-Ring, Valves, Bearings, Gasket, Sealing System, Profiles, Radial Shaft Seals, etc.

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