



ATO S.r.l.

Via Vipacco, 35 - 20126 MILANO  
Tel. 02/27080822 - Fax 02/27080830  
e-mail: ato@ato.it www.atoitalia.com  
Cod. Fisc. e P. Iva 09393270153

Certificato N° 499  
Norma UNI EN ISO 9001:2000



# Dosa-Food

## Complete range of solution for filling food products



In the field of food packaging companies are looking for innovative materials that can improve the performance of their plants.

During last 10 years, plastics have reach the top choices of manufacturers of machines for filling and packaging food products, in order to ensuring a better reliability of their plants.

During this innovation, our company has always been at the side of these companies, developing new materials and complex shapes in order to meet their needs.

Especially in the filling machines, in recent years, we found a great interest from major producers in the area to replace the components in nickel-bronze with the PEEK techno polymer.

The possibility that dosing valves may seize up during operation, the significant reduction of noise of the machine, reducing the weight of the valve are just some of the benefits resulting from this substitution.



Another peculiarity of our products is that the rods or billets are made directly in our company, through a compression molding process, called HCM (Hot-Compression-Molding). This allows us to be extremely flexible in terms of quantity and delivery time. We are also able to develop tailor made compounds according to your needs: for example, where were created the need to increase the fluidity of the valves, you can add a quantity of PTFE, depending on your requirements. Our PEEK-based products are under the brand STABIL. Even the compounds are being developed in the company, in order to ensuring further

flexibility in the range of products offered.

We have now gained considerable experience and we can achieve, starting from our semi-finished products, a special shape that can satisfy all your requests.

Another strength of our business is the coating of steel valves, with a special fluorinated polymer called ST910.



This particular coating is used in all plants where the product cause high friction between the male and female valves. For example plants for packaging honey or vinegar are subject to significant forces due to the nature of the product in such cases they tend to decrease the force of the valve in order to reduce the friction. With the ST910 coating you can provide a low coefficient of friction without compromising the perfect seal of the valve.



MELDIN Serie 7000  
Poliimide  
Distributore per l'Italia



Boccola di precisione  
in tecnopolimero



ATO S.r.l.

Via Vipacco, 35 - 20126 MILANO  
Tel. 02/27080822 - Fax 02/27080830  
e-mail: ato@ato.it www.atoitalia.com  
Cod. Fisc. e P. Iva 09393270153

Certificato N° 499  
Norma UNI EN ISO 9001:2000



A further application of success is replacing metallic components with **PEEK-ST500** in gear pumps.

In this case you were seeking a material that could guarantee high mechanical properties but, at the same time, can be a perfect seal without damaging the metal parts in stainless steel of the pump.

We have therefore proposed a formulation based **PEEK-ST500** loaded with **PTFE**, which has solved the problems of keeping the pump without the proper dosage of product.

This material is good in all those applications where it is required a very low coefficient of friction, for example typical of **PTFE**, without compromising the mechanical properties of the component.



To complete the range of products for the world of piston determination we can make different shapes of gaskets for piston-filler machines made of **PEEK-ST500** and possible compound with **PTFE**.

All materials that are used for these applications are **FDA** approved.

## ATO S.r.l.

Via Vipacco, 35  
20126 Milano  
ITALY

Ph: +39.02.27.08.08.22 - Fax: +39.02.27.08.08.30 - Mail: ato@ato.it  
**www.atoitalia.com**

### Commercial Contacts

#### Fausto Spazzini

Market Manager  
fausto.spazzini@ato.it



#### Davide Polloni

Market Developer  
d.polloni@ato.it



MELDIN Serie 7000  
Poliimmide  
Distributore per l'Italia



Boccola di precisione  
in tecnopolimero