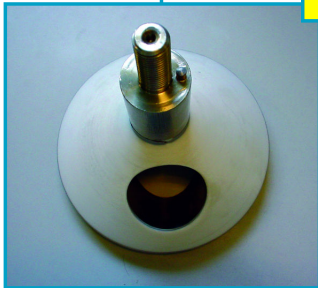




adhésion
membranes
giunti
moulding
bellows
joints
COMMA
rubber
plastometer
MODELLO
Blasebälge

PLUGS



GLOBAL OFFER

EFJM is specialized in the design and development of sealing systems for the aeronautical, military and pneumatic fields, as well as packaging machines for liquid, viscous and pasty products.

The R & D team offers its expertise and experience to solve all sealing problems:

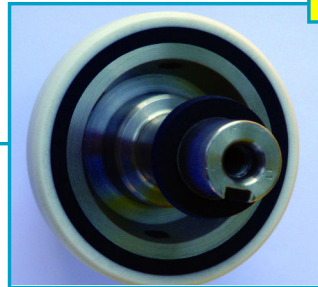
- PTFE/rubber/stainless steel composite pistons
- PTFE/rubber/stainless steel liners
- PTFE/composite guiding seals
- dosing membranes by deformation

Rubber is a mechanical building material with viscoelastic properties which we use to give to PTFE a "spring" effect so that it can keep the friction area (lip) in contact with the lining.

These sealing systems are customized according to customer specification and comply with the requirements of their environment.

CONTROL OF ELASTOMERS

The optimum utilization of sealing systems in their work environment will depend on the quality of the elastomers. EFJM has developed rubber formulas specifically adapted to the utilization of the end product and has a laboratory with the equipment required to control the physico-chemical characteristics of the elastomers. It maintains an on-hand stock to effectively and promptly satisfy the different specific requests of customers.



EFJM, Range of products



In the dosing kinematics of liquid and viscous products, conical plug valves are recognized for their extremely easy cleaning during sanitizing operations. The adhesion of a PTFE envelope ensures, in addition, binding-

free operation, total asepsis and a perfect control of the coupling of friction surfaces. This product, the gem in sealing technology, is a major asset for meeting the most drastic requirements in food safety.

SPECIALIST IN THE DESIGN AND DEVELOPMENT OF COMPONENTS FOR VOLUME DOSING SYSTEMS

www.efjm.com - +33 (0)2 32 58 10 09



EFJM, Range of products



Plugs



We specialise in the design and execution of sealing systems intended for packaging machines for liquid, viscous and paste-like products.

For over 35 years EFJM has been making plugs for volumetric dosing.

With our composite conical or cylindrical stainless steel/rubber/PTFE plugs, we have a range of models available in order to better respond to the specific packaging requirements of the food-processing, pharmaceuticals, and cosmetics industries.

Standard or made-to-order items, ranging from 10 to 300 mm diameter, our various models come in single-bloc or thin-layer versions.



conical plug

The single-bloc models (PTFE, PEEK) offer the advantage of not having any retention zones (body machining).



The thin-layer models have an identical expansion coefficient to the casings which they are fitted in.

EFJM, which is an original fitment supplier, has been selected by the most important machinery manufacturers.



EFJM, which is an original fitment supplier, has been selected by the biggest machinery manufacturers. These single-unit or mass-production products are suited to all environments, and the range of EFJM plugs interfaces with all user environments.

Our higher-performance products are able to replace all rival solutions. Because we use the most appropriate raw materials for your requirements – **choice of more than 300 rubber formulas** – our solutions particularly comply with food regulations and the Food & Drug Administration's (FDA) standards, guaranteeing you outstanding organoleptic quality.

In addition to pistons and plugs, EFJM develops and produces specific products (suction cups, piston base seals, scrapers, composite membranes, bellows, scraping shells, valves).

EFJM "upgrades" and recycles its composite products to respect the environment.

We always listen to our customers and supply upon request recommendations on how to use our plugs.

EFJM: OUR CUSTOMER REFERENCES

APV France	NIJAL
AURIOL	NOVA SOCIMEC
BENHILL GASTI	PCM DOSYS
DANONE	PCM POMPES
DOSELEC	PIERRE GUERIN
ERCA FORMSEAL	SERAC
FILLPACK	SIDEL
FROMARSAC	THYMONNIER
HELY JOLY	TREMARK Europe
HERBERT GRUNWALD GmbH	VMS-MASCHINEN GmbH
KALIX	YOPLAIT
LATINPACK	

