

PTFE and HPP | High Performance Polymers Customized Engineered Components



Virgin pure and filled 1st quality grades PTFE, TFM, Rulon® from raw materials to stock shapes and customized engineering CNC machined parts for industrial applications. Etching for tapes and parts, sliding for EN-1337/2 and GMP for food available.

## **SLIPPER RINGS AND FLUOR/S**

High wearing and long life resistance hydraulic and pneumatic seals and bearing tapes specifically developed in acc. to market standard and special profiles.











# **SES - SPRING ENERGIZED SEALS**

Customized in house designed and fully manufactured to offer top performances. Specific materials homologations for Oil&Gas in acc. to Norsok M-710/3 and API6A available.





# COMPRESSORS SEALS AND COMPONENTS

Designed and manufactured in house with specific PTFE and HPP - High Performance Polymers materials for reciprocating and oil free compressors to offer top performances. Piston lining for oil free compressors made of special PTFE based materials with high wearing and temperature resistance. Peek and HPP discs for plate valves.

### **DUPONT™ VESPEL®**

Sole Italian distributor for this high performance material. Top range of temperature (from cryo to 288  $^{\circ}$ C in continuous and till to 480  $^{\circ}$ C for short period) and high wear resistance.











# TECHNOPOLYMERS MOLDING MOLD DESIGN AND MANUFACTURING

From in-house design and molds manufacturing to prototypes and series production of HPP - High Performance Polymers - engineering industrial components made of: PEEK, PFA, FEP, PVDF, PCTFE, PA, PP, PA, etc.



### **MATERIALS**

Fluorten process in house just top first quality grades materials in PTFE and HPP including specific and top of the market range ones like:

- PTFE high purity virgin and filled grades
- 3M™ Dyneon™ TFM™
- Rulon® SGGPL
- Victrex® PEEK
- DuPont™ Vespel®
- F10-XX special grades

#### **CERTIFICATIONS**

- ISO 9001
- ISO 14001
- EN 9100 / aerospace
- EN 1337/2
- GMP 1935 / 04 / CE / Food
- NORSOK M-710/3
- API 6A
- SKF ZD4S

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"Give your equipment an High Performance Heart through Fluorten PTFE an HPP engineering components"