



VICTREX® PEEK

Fluorten developed high knowledge in manufacturing VICTREX® PEEK products play an important role into the Fluorten technical supplied products in order to cover a wider range of applications. Rods and Sleeves are suitable for manufacturing sealing elements and technical mechanical elements for industrial applications where high accuracy and dimensional stability is required. Different technologies are used to manufacture VICTREX® PEEK sleeves, depending on the final size and material performances. Dimensions of products are available into a wide range of diameters.

Application field of VICTREX® PEEK

- . Aerospace as an ideal substitute for metals
- . Automotive, due to its tribological properties together with excellent mechanical properties
- . Electronics, due to its high mechanical resistance, its high dimensional stability and creep resistance represent the best choice to manufacture small parts with very low thin wall
- . General technical application in mechanical industry, due to its mechanical, chemical and thermal properties
- . Medical, for surgical and dental tools
- . Food, for mechanical elements with complex shapes and for items realized by tooling machines
- . Protective lining and coating for chemical , food and for general industrial applications where aggressive and corrosive environments are involved.

	PROPERTY	Density	Tensile strenght	Elongation	Hardness	Max. / Min. operating temp.
	STANDARD	ASTM D 792	ISO 527	ISO 527	ASTM D 785	/
	UNITS	g/cm ³	Mpa	%	M Scale	°C
TYPICAL VALUES	F10-15 NAT	1.30	90	30	94	+240 / -60
	F10-20 FC	1.48	110	2.20	80	+240 / -60
	F10-34 GL	1.49	90	2.00	100	+240 / -60
	F10-16 CA	1.40	200	2.00	107	+240 / -60
	F10-18 FE	1.40	78	25	87	+240 / -60

Whilst data and information given here are the result of our considerable experience they are only intended as a guide line and Fluorten s.r.l. can accept no responsibility either for the results obtained from this information or for situations in conflict with any existing patents.

F10-XX Material Norsok M-710 ED.3 and API 6A approved available on demand.

FLUORTEN PRODUCES:



PTFE Rulon®
Finished parts



Slipper rings
FLUOR-S/SC
tapes



Spring
energized
seals



PTFE and HPP
ball valves
components



Technopolymers
injection
moulding



Compressors
bearings
and seals



Official Italian
distributor of
DuPont™Vespel®
trademark

