



Semi-Finished Fluoropolymers: Low stress one meter rods

Achieving tight and stable tolerances and reduction of scrap in high precision machining of plastic parts pose challenges in finding the right base material. Vanéflon offers an excellent response to this demand with its low residual stress rods in lengths of one meter.

Fast delivery, available in a **wide range of stock compounds**, and the ever consistent Vanéflon quality meet your high performing base material needs. Vanéflon — High Performance Plastics. High Performance Solutions.



- High Quality, certified raw materials.
- Reduced scrap rate
- Tighter and stable tolerances
- Continuous quality process control
- Uniform low residual stress.
- Compression moulding process
- Excellent chemical & mechanical characteristics
- 100+ compounds in stock enabling fast deliveries
- Available in small quantities for each filler type
- Ø12.2 – Ø67.2mm
- Material traceability with 2.2 or 3.1 certifications

PTFE | TFM® | PFA | PCTFE | FEP | ETFE
PEEK | PPS | PI (Vespel®) | PEI | PEKK
PVDF | PA | POM | PP | UHMPE





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Low stress one meter rods

Vanéflon's horizontal moulding technique allows for rods of 1000mm length in small and large diameter from 12 to 67mm. This high performance product offers constant **material quality and uniform ultra-low residual stress due to constant pressure monitoring** over the entire length. The low-stress one meter rods are perfectly suited **for high precision machined parts** while offering excellent chemical and mechanical **characteristics**. **Therefore our rods allow for tight and stable tolerances in precision machining while reducing your machining scrap significantly.**

Vanéflon's one meter rods are manufactured with **prime compound** materials from trusted suppliers with full traceability and certifications. More than 100 compounds are in stock to provide you with a fast service and shortest lead-times. Custom in-house material design is available to find the perfect solution for your specific application.

Standard dimensions: Ømm ground (tol. +0,3 -0)

12,2	14,2	16,2	17,2	19,2	21,2	22,2	24,2	26,2	28,2	31,2	36,2	41,2	46,2	51,2	56,2	61,2	67,2
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Vanéflon

Since 1976 Vanéflon produces high performance plastic semi-finished and machined parts. As a specialist in compression and hot-moulding in combination with high precision machining we offer tailor-made solutions for a wide range of industries. Our flexible, experienced and dedicated team stands in for customized material selection, engineering support and production thus guaranteeing consistent quality on every level. Modern machinery and continuous process optimization assure the cost-efficient execution of the most demanding tasks. Vanéflon's in-house expertise and high standards lead to reliable, flexible and cost-efficient solutions for demanding customers, who expect professional support, high quality products, fast response and short lead-times. Vanéflon is certified to ISO 9001 and offers various material certifications.