



# Sealing Solutions

Vanéflon provides a large variety of sealing solutions in PTFE and other high-performance plastics. Vanéflon's sealing products include solutions for dynamic and static services in high-temperature, cryogenic and many other demanding conditions. Our in-house material knowledge and manufacturing experience allows us to offer parts in a **large choice of materials, sizes, temperature and pressure ranges**. Vanéflon — High Performance Plastics. High Performance Solutions

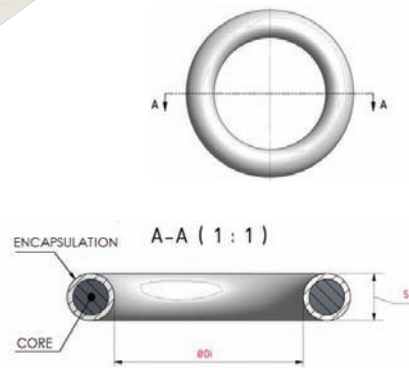


**vanéflon** n.v.

- High Quality, certified raw materials
- Custom and standard DIN/ASA sizes
- O-rings, envelopes, chevron rings, shaft seals, seats, gaskets, back-up rings and bearings
- Sizes range: DN 10 to DN 600
- Pressure classes: PN 10 to PN 40
- ASA Sizes: NPS ½ to NPS 24
- Pressure classes: Class 150 to class 300
- Temperature range: -200 to 250°C

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





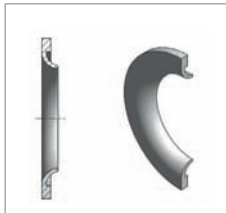
## O-rings

- Virgin PTFE and in various other compounds
- PTFE Encapsulated Viton core (up to Ø300mm outer diameter)
- FEP encapsulated Viton/silicone core (up to Ø3400mm outer diameter)
- PFA encapsulated Viton/silicone core (up to Ø3400mm outer diameter)

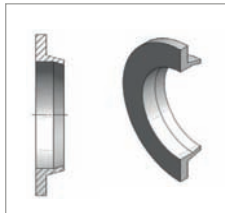
## Customised Seals

### Rotary/shaft seals

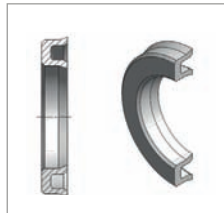
Shaft Seal "L"



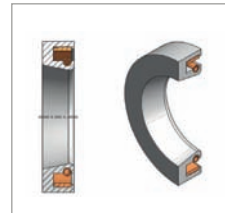
Shaft Seal "H"



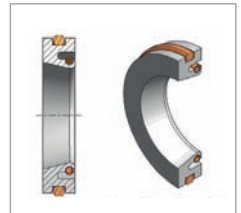
Shaft Seal "U"



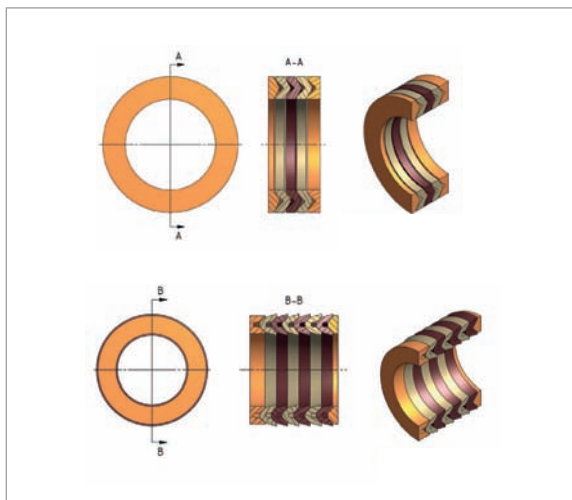
Shaft Seal "SM"



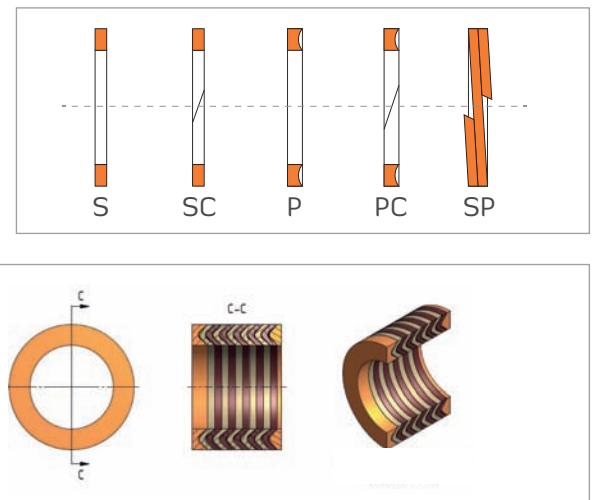
Shaft Seal "SO"



### Chevron Rings

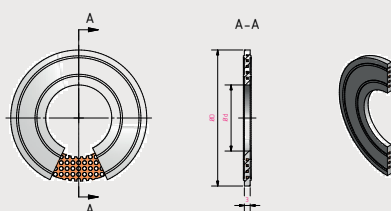


### Back up rings & Bearings



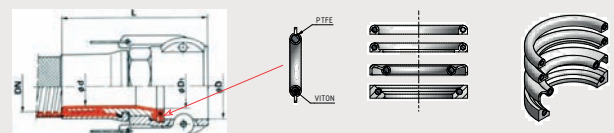
## Stainless steel lined PTFE gaskets.

see specific brochure



## Dynaflon - PTFE Encapsulated Viton seals

see specific brochure



## Envelopes standard & welded

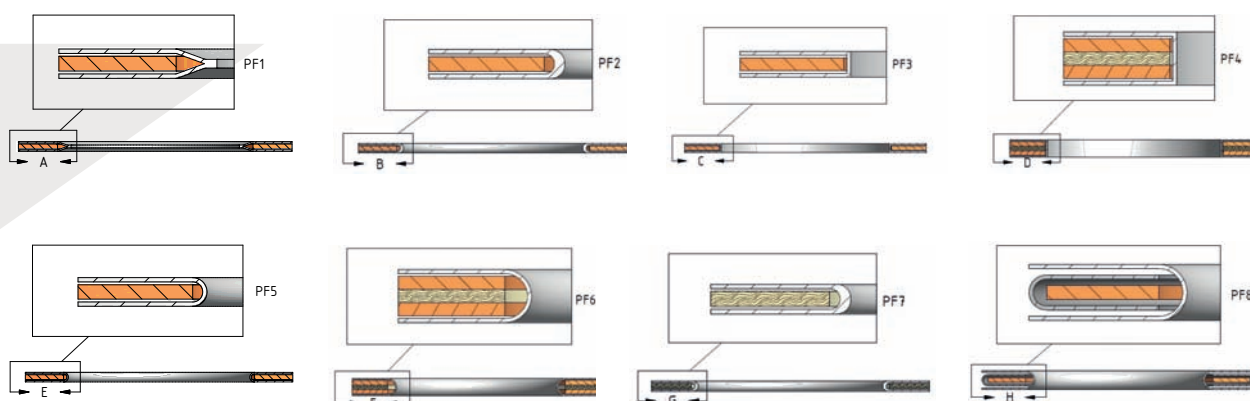
### Standard DIN/ASA executions

DIN2690 - ØD					
DN	Ød	PN10	PN16	PN25	PN40
6	10	38	38	38	38
8	14	43	43	43	43
10	18	45	45	45	45
15	22	50	50	50	50
20	28	60	60	60	60
25	35	70	70	70	70
32	43	82	82	82	82
40	49	92	92	92	92
50	61	107	107	107	107
65	77	127	127	127	127
80	90	142	142	142	142
100	115	162	162	168	168
125	141	192	192	195	195
150	169	218	218	225	225
200	220	273	273	285	292
250	274	328	330	342	353
300	325	378	385	402	418
350	368	438	445	458	475
400	420	490	497	515	547
450	470	540	557	565	572
500	520	595	618	625	628
600	620	695	735	730	745

ANSI - B - 16.21 - A			
NPS	Ød	150"	300"
1/2"	21	47	53
3/4"	27	57	66
1"	33	66	73
1 1/4"	42	76	82
1 1/2"	48	85	95
2"	60	104	111
2 1/2"	73	123	130
3"	89	126	149
3 1/2"	102	161	165
4"	114	174	180
5"	141	196	215
6"	168	222	250
8"	219	279	307
10"	273	339	361
12"	324	409	422
14"	356	450	485
16"	406	514	539
18"	457	549	596
20"	508	606	654
22"	559	660	704
24"	610	717	774

### Envelopes Customised to your needs

- Standard: turned
- Welded for large sized envelopes
- According to different styles





Contact:

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## Sealing Solutions

Seals, seats and bearings made from engineering polymers are designed to withstand extreme environments where high pressures and temperature often need to be overcome. Materials used for these critical components need to be of the highest quality.

Vanéflon uses raw materials from trusted manufacturers to deliver sealing solutions for a wide range of industries. Standard products are available. For custom products, our dedicated in-house team offers excellent material knowledge and extensive production experience to fulfil all your sealing needs. Gain advantage over your competitors through our know-how, materials and service.

### Benefit from our key competencies:

- prototyping and customization capabilities
- Application experience are at your disposal
- Seal sizes up to Ø1400mm
- Flexible production capabilities
- Small and large series

### Benefit from our range of high performance Sealing Solutions:

- Compounds – over 100 different compounds in stock.
- O-rings
- Customised seals
- Envelopes standard & welded
- Stainless steel lined PTFE gaskets.
- Dynaflon – PTFE encapsulated Seals



## 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.