



Accofluor A/S

PTFE Seals Worldwide – Made in Denmark

Accofluor is a leading manufacturer of high quality PTFE products

Accofluor is a leading manufacturer of PTFE seals and high quality guide strip for hydraulic and pneumatic applications. Accofluor has 30 years of application and materials experience, helping customers to make the right decision when specifying standard and non standard PTFE seals and bearings.



Allways fully updated and state-of-the-art CNC machines

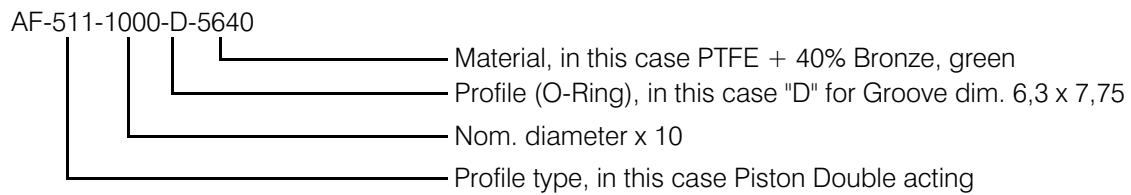
Our production facilities are fully updated and include state-of-the-art CNC machines. The staff is competent and has years of experience making seals .



Accofluor A/S has a background of PTFE, and has emerged from a PTFE coating business founded in 1969 in Denmark. 30 years ago the demands for hydraulic seals and guide tape had grown, and an actual production was initiated. In 2005 Accofluor was split from the business and a new era of optimizing the PTFE sealing products had begun. In the beginning of 2006 Accofluor A/S moved to new, modern locations in Birkerød, from where the enhanced Accofluor A/S is operating today.

How to define Accofluor seals - SELECTION GUIDE:

Our part number system states the types of seals:



To find the right type of seal, see Profile Overviews on the following pages.

Select the profile cross section in accordance with the groove dimension, and the nominal size of the seal

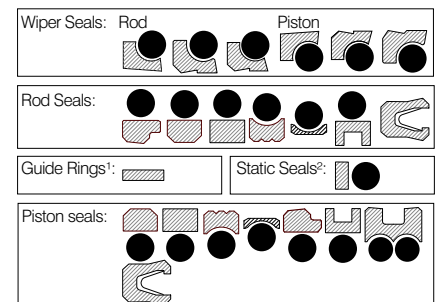
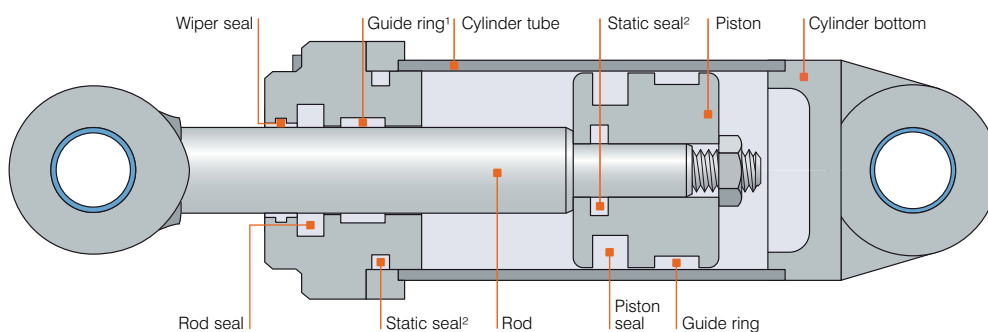
To order light or heavy version, please choose "C" for light and "E" for heavy version

Types of standard materials are found in the table below

Standard Materials

Material Code	Compound	Colour	Temperature range
AF-ref.		(standard)*	
1012	PTFE, Virgin - FDA	White	-200 - +250 C°
1610	PTFE, modified - TFM 1600	White	-200 - +260 C°
1022	PTFE, modified	Turquoise	-200 - +260 C°
1024	PTFE, modified, FDA approved	Turquoise	-200 - +260 C°
2410	PTFE, 10% Carbon	Black	-200 - +260 C°
2413	PTFE, 10% Carbon Fiber	Black	-200 - +260 C°
2426	PTFE, 25% Carbon/graphite	Black	-200 - +260 C°
2428	PTFE, carbon, graphite, additiv.	Dark, brown	-200 - +260 C°
3015	PTFE, 15% Graphite	Black	-200 - +260 C°
4115	PTFE, 15% Glassfiber, Mos2	Grey	-200 - +260 C°
4125	PTFE, 25% Glassfiber, Mos2	Grey	-200 - +260 C°
4025	PTFE, 25% Glassfiber	White/light grey	-200 - +260 C°
5640	PTFE, 40% Bronze, green	Green	-200 - +200 C°
5060	PTFE, 60% Bronze	Brown	-200 - +200 C°
6050	PTFE, 50% Stainless steel	Grey	-200 - +200 C°
7710	PEHD 1000 (UHMWPE) FDA	White	-50 - + 80 C°
1111	ECONOL	Light brown	-65 - +250 C°
7010	POM C	White	-50 - + 85 C°
7020	POM C	Black	-50 - + 85 C°
8172	PUR EL 72 D	Yellow	-70 - +130 C°
8158	PUR EL 58 D	Yellow	-70 - +120 C°
9305	PEEK Natur	Natural/brownish grey	-60 - +250 C°

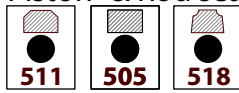
*There are hundreds of different PTFE Materials with variants of fillers. For more information please contact Accofluor A/S



¹Piston & Rod Guide Rings: PTF E, phenolic or polyester
 ²Static Seals: O-Ring + back-up ring. PTFE, Hytel + PU

PROFILE OVERVIEWS:

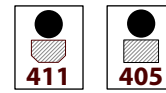
Piston- & Rod seals



Profile	Piston seal Nom. dia.	Groove
A	8,0 - 14,9	2,45
B	15,0 - 39,9	3,75
C	40,0 - 79,9	5,5
D	80,0 - 132,9	7,75
E	133,0 - 329,9	10,5
F	330,0 - 669,9	12,25
G	670,0 - 999,9	14,0



Profile	Rod seal Nom. Dia.
A	8,0 - 16,9
B	17,0 - 26,9
C	27,0 - 59,9
D	60,0 - 199,9
E	200,0 - 255,9
F	256,0 - 669,9
G	670,0 - 999,9



Groove width	Groove	O-Ring
2,2	2,45	1,78
3,2	3,65	2,62
4,2	5,35	3,53
6,3	7,55	5,33
8,1	10,25	7,0
8,1	12,0	7,0
9,5	13,65	8,4



Rod seal Nom. dia.	Profile
3,0 - 7,9	A
8,0 - 18,9	B
19,0 - 37,9	C
38,0 - 199,9	D
200,0 - 255,9	E
256,0 - 649,0	F
650,0 - 999,9	G

Piston- & Rod seals, ISO-Groove



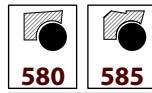
Profile	Rod seal Nom. Dia.
A	8,0 - 14,9
B	15,0 - 39,9
C	40,0 - 79,9
D	80,0 - 132,9
E	133,0 - 329,9
F	330,0 - 669,9

Groove width	Groove	O-Ring
2,2	2,5	1,78
3,2	3,75	2,62
4,2	5,5	3,53
6,3	7,75	5,33
8,1	10,5	7,0
8,1	12,25	7,0



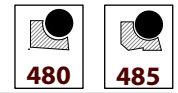
Rod seals Nom. dia.	Profile
6,0 - 14,0	A
12,0 - 25,0	B
20,0 - 63,0	C
56,0 - 160,0	D
160,0 - 250,0	E
250,0 - 660,0	F

Wiper, single- & double acting



Profile	Piston Wiper Nom. Dia.
A	-
B	-
C	-
D	-
E	-
G	-

Groove width	Groove	O-Ring
3,7	2,4	1,78
5,0	3,4	2,62
6,0	4,4	3,53
8,4	6,1	5,33
11,0	8,0	7,0
14,0	10,0	8,4



Rod Wiper Nom. Dia.	Profile
6,0 - 11,9	A
12,0 - 64,9	B
65,0 - 250,9	C
251,0 - 420,9	D
421,0 - 650,9	E
651,0 - 999,0	G

Double-acting Wiper



Profile	Piston Wiper Nom. Dia.
A	-
B	-
C	-
D	-
E	-
G	-

Groove width	Groove	O-Ring
4,2	3,8	2,62
6,3	4,4	2,62
8,1	6,1	3,53
9,5	8,0	5,33
14,0	12,0	7,0
16,0	13,65	8,4



Rod Wiper Nom. Dia.	Profile
6,0 - 11,9	A
12,0 - 64,9	B
65,0 - 250,9	C
251,0 - 420,9	D
421,0 - 650,9	E
651,0 - 999,0	G

Rotation seals



Profile	Piston seal Nom. Dia.
A	8,0 - 39,9
B	40,0 - 79,9
C	80,0 - 132,9
D	133,0 - 329,9
E	330,0 - 669,9
G	670,0 - 999,9

Groove width	Groove	O-Ring
2,2	2,45	1,78
3,2	3,75	2,62
4,2	5,5	3,53
6,3	7,75	5,33
8,1	10,5	7,0
9,5	14,0	8,4



Rod seal Nom. Dia.	Profile
6,0 - 18,9	A
19,0 - 37,9	B
38,0 - 199,9	C
200 - 399,9	D
400 - 649,9	E
650,0 - 999,9	G

Piston seals



Profile	Piston seal Nom. Dia.
B	40,0 - 79,9
C	80,0 - 132,9
D	133,0 - 462,9
E	463,0 - 700,0

Groove width	Groove	O-Ring
6,3	5,0	2 x 2,62
8,3	6,5	2 x 3,53
12,3	9,0	2 x 5,33
16,3	15,5	2 x 7,00

Piston- & Rod seals



Profile	Rod seal Nom. dia.
C	16,0 - 39,9
D	40,0 - 79,9
E	80,0 - 132,9
F	133,0 - 252,9
G	253,0 - 462,9
-	463,0 - 700,0

Groove Width	Groove Depth	O-Ring
4,2	5,5	3,53
6,3	7,75	5,33
8,1	10,5	7,0
8,1	12,25	7,0
9,5	14,0	8,4
11,0	17,5	10,0



Rod seal Nom. dia.	Profile
-	C
-	D
-	E
-	F
-	G
-	-



Profile	Rod seal Nom. dia.
A	5,0 - 13,9
B	14,0 - 24,9
C	25,0 - 45,9
D	46,0 - 124,9
E	125,0 - 669,9
G	670,0 - 999,9

Groove Width	Groove Depth	O-Ring
2,4	1,45	1,78
3,6	2,25	2,62
4,8	3,1	3,53
7,1	4,7	5,33
9,5	6,1	7,0
10,0	7,5	8,4



Rod seal Nom. dia.	Profile
4,0 - 9,9	A
10,0 - 19,9	B
20,0 - 39,9	C
40,0 - 119,9	D
120,0 - 649,9	E
650,0 - 999,9	G

Spring Energized Piston- & Rod seals **without** back-up ring



Profile	Rod seal Nom. dia.
A	6,0 - 13,9
B	14,0 - 24,9
C	25,0 - 45,9
D	46,0 - 124,9
E	125,0 -

Groove Width	Groove Depth	O-Ring
2,4	1,45	1,78
3,6	2,25	2,62
4,8	3,1	3,53
7,1	4,7	5,33
9,5	6,1	7,0



Rod seal Nom. dia.	Profile
4,0 - 9,9	A
10,0 - 19,9	B
20,0 - 39,9	C
40,0 - 119,9	D
120,0 - 649,9	E

Spring Energized Piston- & Rod seals **with** back-up ring

Profile	Rod seal Nom. dia.
A	6,0 - 13,9
B	14,0 - 24,9
C	25,0 - 45,9
D	46,0 - 124,9
E	125,0 -

Groove Width	Groove Depth	O-Ring
3,8	1,45	1,78
4,65	2,25	2,62
5,7	3,1	3,53
8,5	4,7	5,33
11,2	6,1	7,0

Rod seal Nom. dia.	Profile
4,0 - 9,9	A
10,0 - 19,9	B
20,0 - 39,9	C
40,0 - 119,9	D
120,0 - 649,9	E

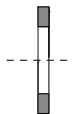
Roof shaped seals



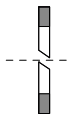
- PTFE 25% Carbon
- PTFE Virgin
- PTFE conform to FDA regulations

Back-up Rings

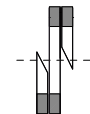
Metric, Imperial & US standards



AF-120: Solid

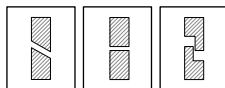


AF-110: Split



AF-100: Spiral

Guide strips, filled PTFE



X Y Z - Cut

- Guide strips for Standard- or Special dimensions up to 95 mm width
- Full length Rolls or cut in pieces to length
- Standard or teardrop dynamic surfaces
- Standard material: PTFE 40% Bronze & PTFE 25% Carbon

Guide Strips Groove width [mm]

	2,5	3,2	4,0	5,6	6,3	8,1	9,7	10,0	12,0	15,0	20,0	25,0
Thickness [mm]												
1,00												
1,50												
1,55												
2,00												
2,50												
3,00												
4,00												



Standard dimensions

For further information, please contact ACCOFLUOR A/S



Knowledge, flexibility and service

Knowledge, flexibility and service are some of the key words, when we describe our mission. We work hard to achieve high customer satisfaction, both regarding our products and the support we offer.

Research and development for customers worldwide

Dichtungen, seals, joints ... Whether German-, English- or French-speaking, our customers all over the world appreciate our high-quality seals for hydraulic applications and everywhere else, where seals are used.

Our guide tape is some of the best available and we are proud of setting the market standard, and we constantly strive to develop and improve our products. Not in order to keep up, but to be a part of the development.



"Keep in touch!"

Visit us on www.accofluor.com, or call us if you have any inquiries. Our helpful team is always happy to team up with partners in order to solve whatever problems they might encounter."

EVCO Seal Team Division

Accofluor A/S

PTFE seals and bearings



FFKM Dynalast



France
Plastic, Seal Jet & Lab.



injection moulding of
thermoplastic materials



Hydraulic Seals

The logo for Accofluor A/S features the company name in a sans-serif font. The letter 'o' is replaced by a stylized target symbol consisting of a central black circle with a white dot, intersected by a vertical and a horizontal line. The background of the page is a gradient of orange and yellow, with a large, faint, stylized circular graphic on the right side.

Accofluor A/S

Accofluor A/S · Topstykket 21-23 · DK-3460 Birkerød · Phone: +45 49 11 00 30 · Fax: +45 49 11 00 39 · info@accofluor.com · www.

accofluor.com