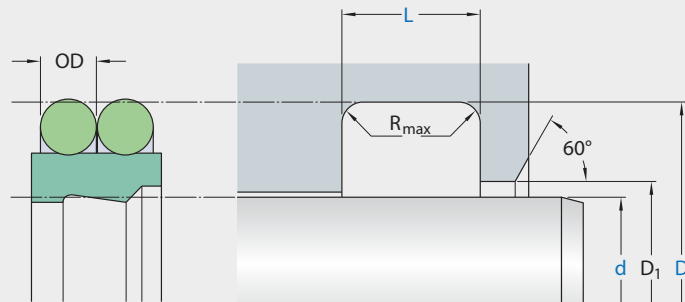


# A26-F



Ordering dimensions in blue

Surface roughness	TPU		PTFE	
	$R_{tmax}$	$R_a$	$R_{tmax}$	$R_a$
	m		m	
Sliding surface	$\leq 2,5$	0,05–0,3	$\leq 2$	0,05–0,2
Bottom of groove	$\leq 6,3$	$\leq 1,6$	$\leq 6,3$	$\leq 1,6$
Groove face	$\leq 15$	$\leq 3$	$\leq 15$	$\leq 3$

Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

Standard dimensions		D H9	OD	L +0,2	$R_{max}$	D <sub>1</sub> H11
d f8 over	incl.					
mm						
5	30	d + 7,6	1,78	4,2	0,4	d + 1,0
30	80	d + 8,8	2,62	6,3	1,2	d + 1,5
80	120	d + 12,2	3,53	8,1	2,0	d + 2,0
120	250	d + 16,0	5,33	11,5	2,0	d + 2,0
250	630	d + 24,0	7,00	15,5	2,0	d + 2,5
630	1 000	d + 27,3	8,40	18,0	2,0	d + 2,5
1 000	1 250	d + 33,0	10,00	21,5	2,0	d + 2,5

## application



*not bolded symbols; please consult our technical for application limitations*

## operating parameters & material

diameter range: up to 600 mm

material		temperature	max. surface speed	max. pressure <sup>1</sup>	hydrolysis	dry running	wear resistance
sealing element	energizer						
Ecoflon 2	Ecorubber 1	-30 °C ... +100 °C	10 m/s	16 bar (1,6 MPa)	-	++	+
Ecoflon 2	Ecorubber 2	-20 °C ... +200 °C	10 m/s	16 bar (1,6 MPa)	-	++	+
Ecoflon 3	Ecorubber 1	-30 °C ... +100 °C	10 m/s	16 bar (1,6 MPa)	-	++	+
Ecoflon 3	Ecorubber 2	-20 °C ... +200 °C	10 m/s	16 bar (1,6 MPa)	-	++	+
Ecoflon 4	Ecorubber 1	-30 °C ... +100 °C	10 m/s	16 bar (1,6 MPa)	-	++	+
Ecoflon 4	Ecorubber 2	-20 °C ... +200 °C	10 m/s	16 bar (1,6 MPa)	-	++	+
X-ECOPUR	Ecorubber 1	-30 °C ... +110 °C	5 m/s				

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously.

surface speed limits apply only to the presence of adequate lubrication film.

<sup>1</sup> pressure ratings are dependent on the size of the extrusion gap.

++ ... particularly suitable

o ... conditional suitable

+ ... suitable

- ... not suitable

for detailed information regarding chemical resistance please refer to our "list of resistance".

## surface quality

surface roughness	Rtmax (µm)	Ra (µm)	
sliding surface	according to seal data		
bottom of groove	≤6,3	≤1,6	
groove face	≤15	≤3	
Ød	≤35	>35 ... ≤65	>65
R max	0,4	1,2	2

## tolerance recommendation

seal housing tolerances	
L	+0,2
ØD	H9

## mode of installation

the prerequisites for perfect functioning are careful fitting and an accurately dimensioned mounting space. in general, wipers snap easily into their housings when distorted into a kidney shape (over 20mm diameter). a large insertion chamfer must be provided (20-30°, length = (D-d)/4).