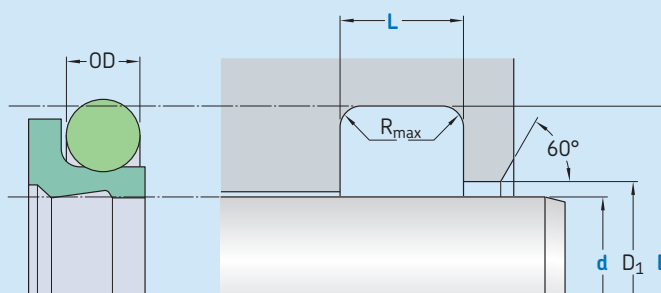


A27-F



Ordering dimensions in **blue**

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

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

Standard dimensions

d	D	OD	L	R_{max}	D_1	
f8	H9		+ 0,2		H11	
over	incl.					
mm						
5	12	d + 4,8	1,78	3,7	0,4	d + 1,5
12	65	d + 6,8	2,62	5,0	0,7	d + 1,5
65	180	d + 8,8	3,53	6,0	1,0	d + 1,5
180	300	d + 12,2	5,33	8,4	1,5	d + 2,0
300	650	d + 16,0	7,00	11,0	1,5	d + 2,0
650	1 000	d + 20,0	8,40	14,0	2,0	d + 2,5
1 000	2 500	d + 27,3	10,00	16,0	2,0	d + 2,5

Ordering example

Profile
d x D x L [mm]
Sealing material / Energizer

Wiper A27-F
70 x 78,8 x 6
SKF Ecoflon 3 / NBR70



Operating parameters

Material Glide ring	Energizer	Temperature		Speed ¹⁾
		from	to	max
		°C		m/s
■ X-ECOPUR	NBR70	-30		5
■ XH-ECOPUR		-20		
■ XS-ECOPUR		+100		
■ G-ECOPUR 54D		-30		
□ SKF Ecoflon 1	FPM75	-20		10
■ SKF Ecoflon 2		+200		
■ SKF Ecoflon 3		-30		
■ SKF Ecoflon 4		+90		
□ SKF Ecowear 1000	NBR70	-30		
	MVQ70	-55		

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

The pressure on the standard version is limited to 16 bar.

¹⁾ Surface speed limit values are valid only in the presence of a lubrication film.