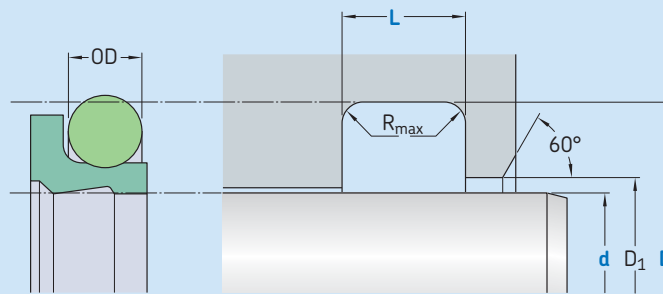


# A27-F



Ordering dimensions in **blue**

Surface roughness	TPU		PTFE	
	$R_{tmax}$	$R_a$	$R_{tmax}$	$R_a$
	m m		m m	
<b>Sliding surface</b>	≤ 2,5	0,05–0,3	≤ 2	0,05–0,2
<b>Bottom of groove</b>	≤ 6,3	≤ 1,6	≤ 6,3	≤ 1,6
<b>Groove face</b>	≤ 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 H9	OD	L + 0,2	$R_{max}$	$D_1$ H11
d f8 over	incl.					
mm						
<b>5</b>	<b>12</b>	d + 4,8	1,78	3,7	0,4	d + 1,5
<b>12</b>	<b>65</b>	d + 6,8	2,62	5,0	0,7	d + 1,5
<b>65</b>	<b>180</b>	d + 8,8	3,53	6,0	1,0	d + 1,5
<b>180</b>	<b>300</b>	d + 12,2	5,33	8,4	1,5	d + 2,0
<b>300</b>	<b>650</b>	d + 16,0	7,00	11,0	1,5	d + 2,0
<b>650</b>	<b>1 000</b>	d + 20,0	8,40	14,0	2,0	d + 2,5
<b>1 000</b>	<b>2 500</b>	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 <sup>1)</sup>
		from	to	max
		°C		m/s
■ G-ECOPUR 54D	NBR70	-30		5
■ X-ECOPUR				
■ X-ECOPUR H		-20	+100	
■ X-ECOPUR S		-30		
■ SKF Ecoflon 2	FPM75	-20	+200	10
■ SKF Ecoflon 3				
■ SKF Ecoflon 4		-20	+200	
		-30		
■ SKF Ecowear 1000	MVQ70	-55	+90	
	NBR70	-30		

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.

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