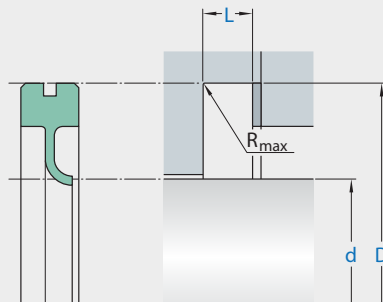


## R11-F



Ordering dimensions in blue

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

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

Standard dimensions		D	$L_{min}$	$R_{max}$
d	f8	H10		
over	incl.			
mm				
50	100	d + 20	4 $-0,05$	0,4
100	150	d + 25	5 $-0,05$	0,4
150		d + 30	6 $-0,10$	0,4

### application



**operating parameters & material***diameter range: up to 600 mm*

material	temperature	max. speed	max. pressure <sup>1</sup>
Ecoflon 2	-200 °C ... +260 °C	20 m/s	5 bar (0,5 MPa)
Ecoflon 3	-200 °C ... +260 °C	20 m/s	5 bar (0,5 MPa)
Ecoflon 3	-200 °C ... +260 °C	20 m/s	5 bar (0,5 MPa)

*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.

**surface quality**

surface roughness	Rtmax (µm)	Ra (µm)
shaft	≤6,3	≤0,2-0,8
bottom of groove	≤25	≤1,6-6,3

**tolerance recommendation**

seal housing tolerances	
∅d	h10
∅D	H10