



OPEN TO  
SEE THE FULL RANGE  
OF MACHINED SEALS,  
WIPERS, GUIDE RINGS  
AND BACK-UP RINGS



# Machined seals

Profiles overview



[skf.com/seals](http://skf.com/seals)

© SKF ECOPUR, G-ECOPUR, H-ECOPUR, S-ECOPUR, T-ECOPUR and X-ECOPUR are registered trademarks of the SKF Group.

© SKF Group 2019

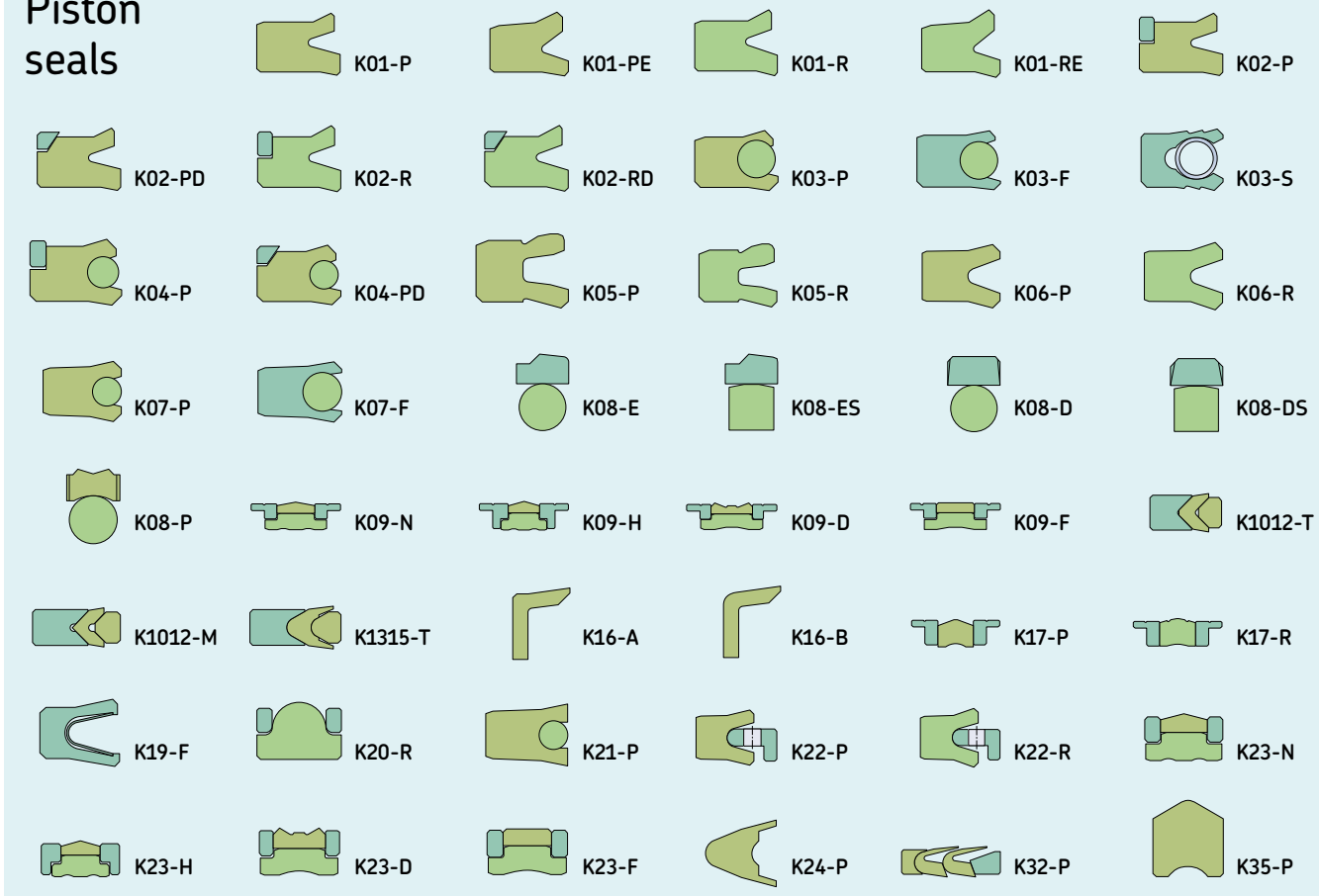
The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

The data in this publication may differ from that shown in earlier publications because of redesign, technological developments or revised methods of calculation. SKF reserves the right to make continuing improvements to SKF products without prior notice with respect to materials, design and manufacturing methods, as well as changes necessitated by technological developments.

PUB SE/P2 11302/3 EN · October 2019

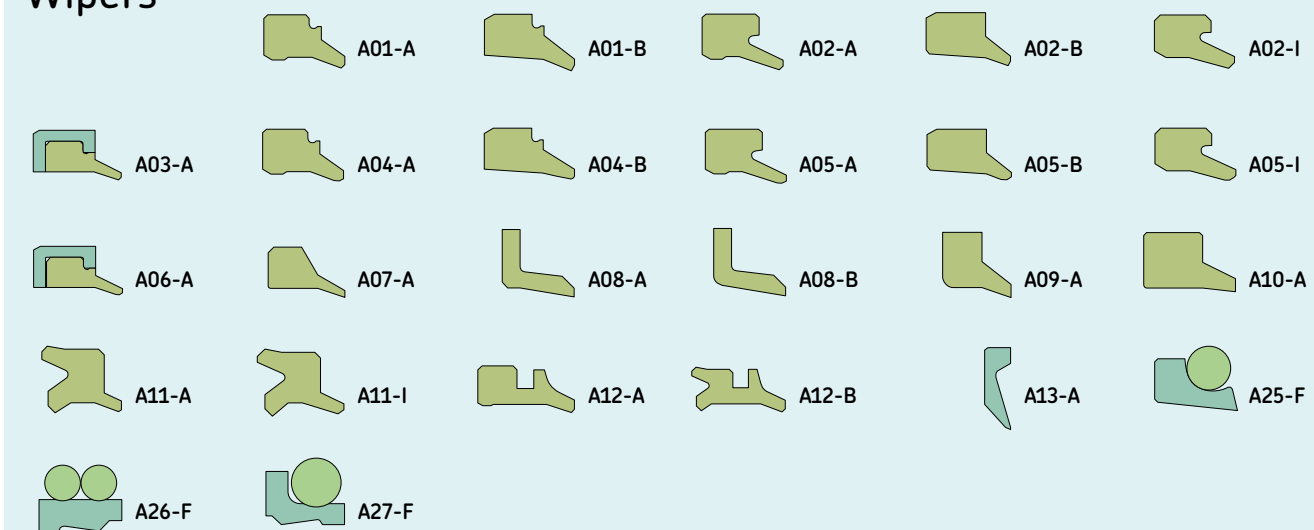
Certain image(s) used under license from Shutterstock.com.

## Piston seals



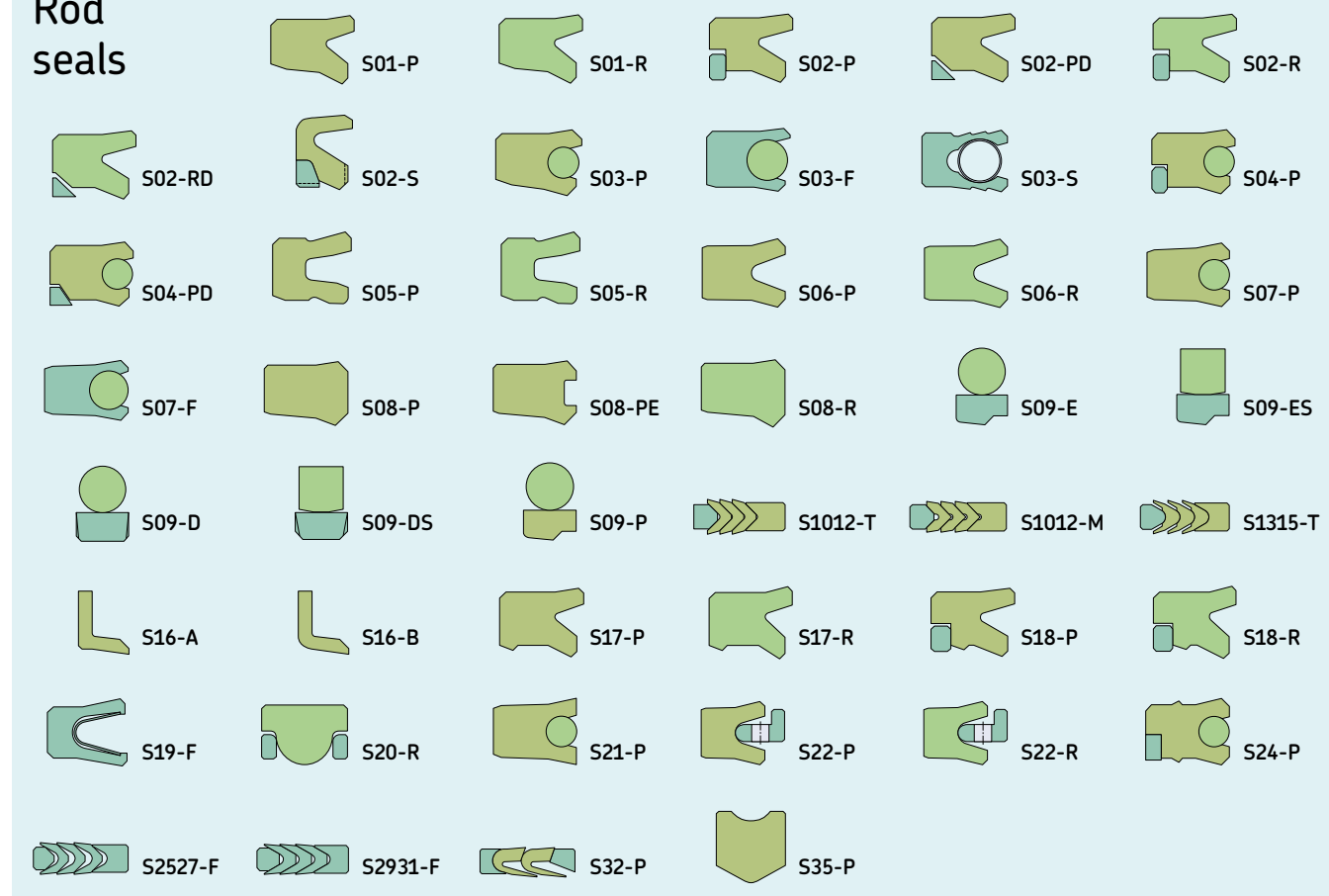
Thanks to our innovative manufacturing process we are able to produce virtually any profile in any dimension and material.

## Wipers



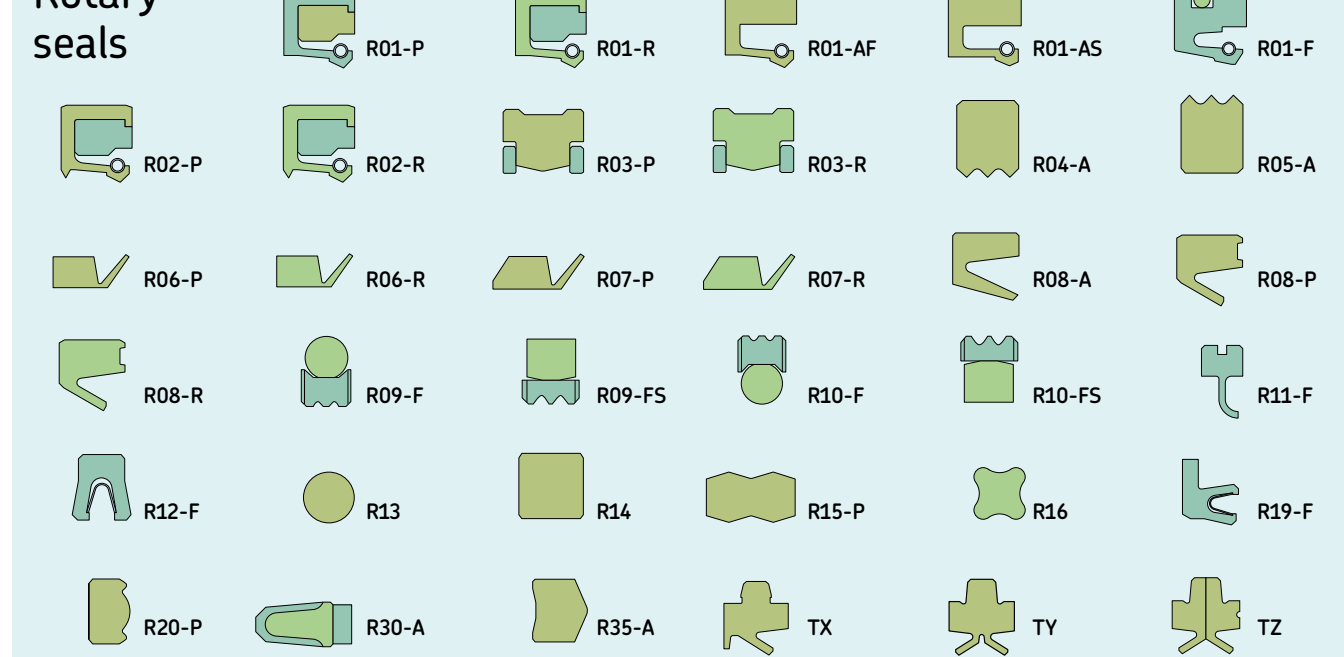
■ Polyurethanes  
■ Rubber  
■ Thermoplastics

## Rod seals

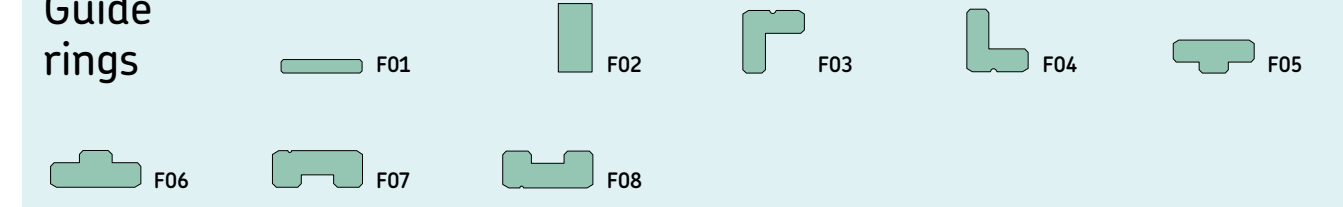


Indicated materials (colours) are examples, profiles are available in a wide range of standard and non-standard materials.

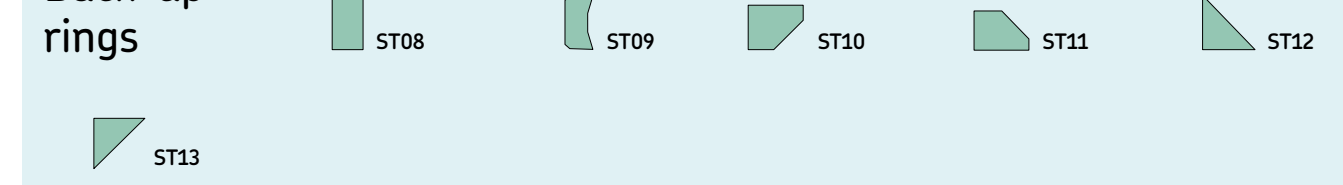
## Rotary seals



## Guide rings



## Back-up rings



### Materials overview

	Material colour	Shore A/D hardness	Operating temperature, °C		Mineral oil based resistance		HFA-E water +oil emuls. resistance		Water resistance	
			min.	max.	RT	60 °C	RT	60 °C	RT	60 °C
<b>Elastomers, polyurethanes</b>										
ECOPUR	<span style="color: #008000;">■</span>	95/48	-30	110	+	+	0	-	+	-
T-ECOPUR	<span style="color: #0000FF;">■</span>	95/48	-50	110	+	+	0	-	+	-
H-ECOPUR	<span style="color: #FF0000;">■</span>	95/48	-20	110	+	+	+	+	+	+
<b>Elastomers, rubber</b>										
SKF Ecorubber-1	<span style="color: #000000;">■</span>	85/-	-30	100	+	+	+	+	+	+
SKF Ecorubber-H	<span style="color: #000000;">■</span>	85/-	-25	150	+	+	+	+	+	+
SKF Ecorubber-2	<span style="color: #8B4513;">■</span>	85/-	-20	200	+	+	+	0	+	+
SKF Ecorubber-3	<span style="color: #FFD700;">■</span>	85/-	-50	150	-	-	-	-	+	+
SKF Ecoflas	<span style="color: #000000;">■</span>	83/-	-10	200	+	+	+	+	+	+
SKF Ecosil	<span style="color: #FF8C00;">■</span>	85/-	-60	200	+ / 0	+ / 0	0	0	+	+
<b>Thermoplastics</b>										
SKF Ecoflon 1	<span style="color: #FFD700;">■</span>	-/57	-200	260	+	+	+	+	+	+
SKF Ecoflon 2	<span style="color: #8B4513;">■</span>	-/62	-200	260	+	+	+	+	+	+
SKF Ecoflon 3	<span style="color: #8B4513;">■</span>	-/65	-200	260	+	+	+	+	+	+
SKF Ecoflon 4	<span style="color: #000000;">■</span>	-/65	-200	260	+	+	+	+	+	+
SKF Ecoflon 5	<span style="color: #000000;">■</span>	-/59	-200	260	+	+	+	+	+	+
SKF Ecotal	<span style="color: #000000;">■</span>	-/82	-50	100	+	+	+	+	+	+
SKF Ecomid	<span style="color: #000000;">■</span>	-/77	-40	110	+	+	+	+ / 0	0	0
SKF Ecopaek	<span style="color: #FF8C00;">■</span>	-/87	-100	260	+	+	+	+	+	+
SKF Ecowear	<span style="color: #FFD700;">■</span>	-/61	-200	90	+	+	+	+	+	+

+ Suitable  
 0 Unknown data or limited resistance  
 - Not recommended  
 RT Room temperature (20 °C)