

Open up to see the full range of seals, wipers, guide rings and back-up rings





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Profiles overview

Quality sealing and engineering plastics solutions



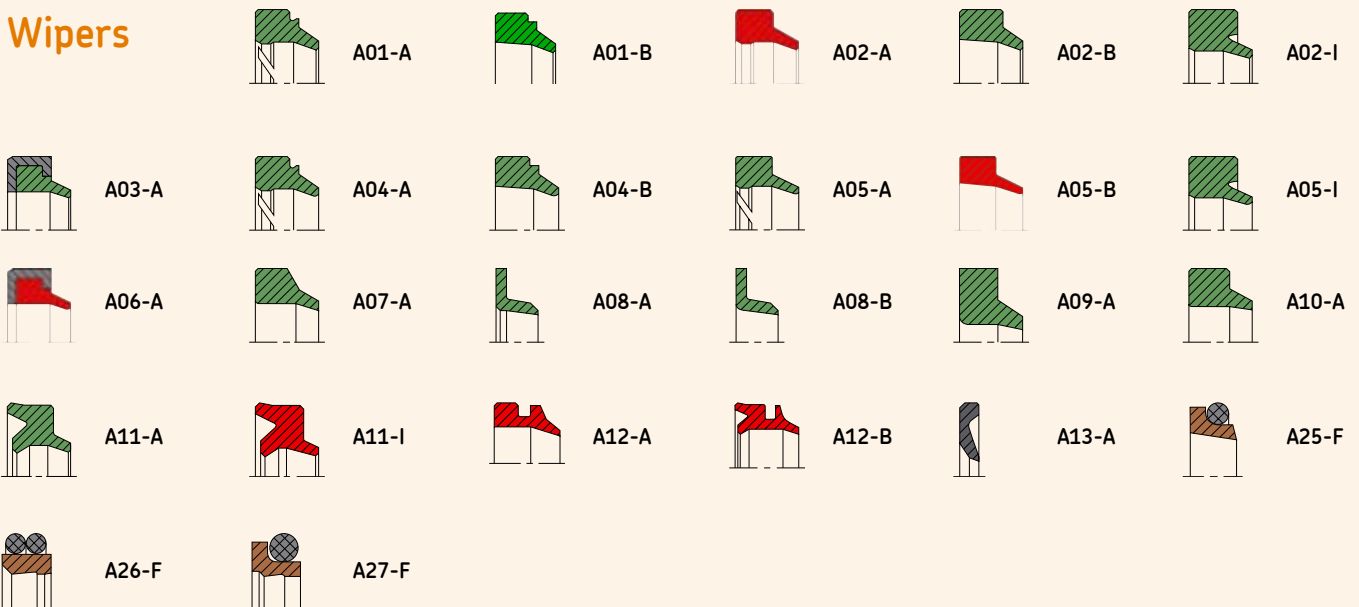
ECONOMOS

Piston seals

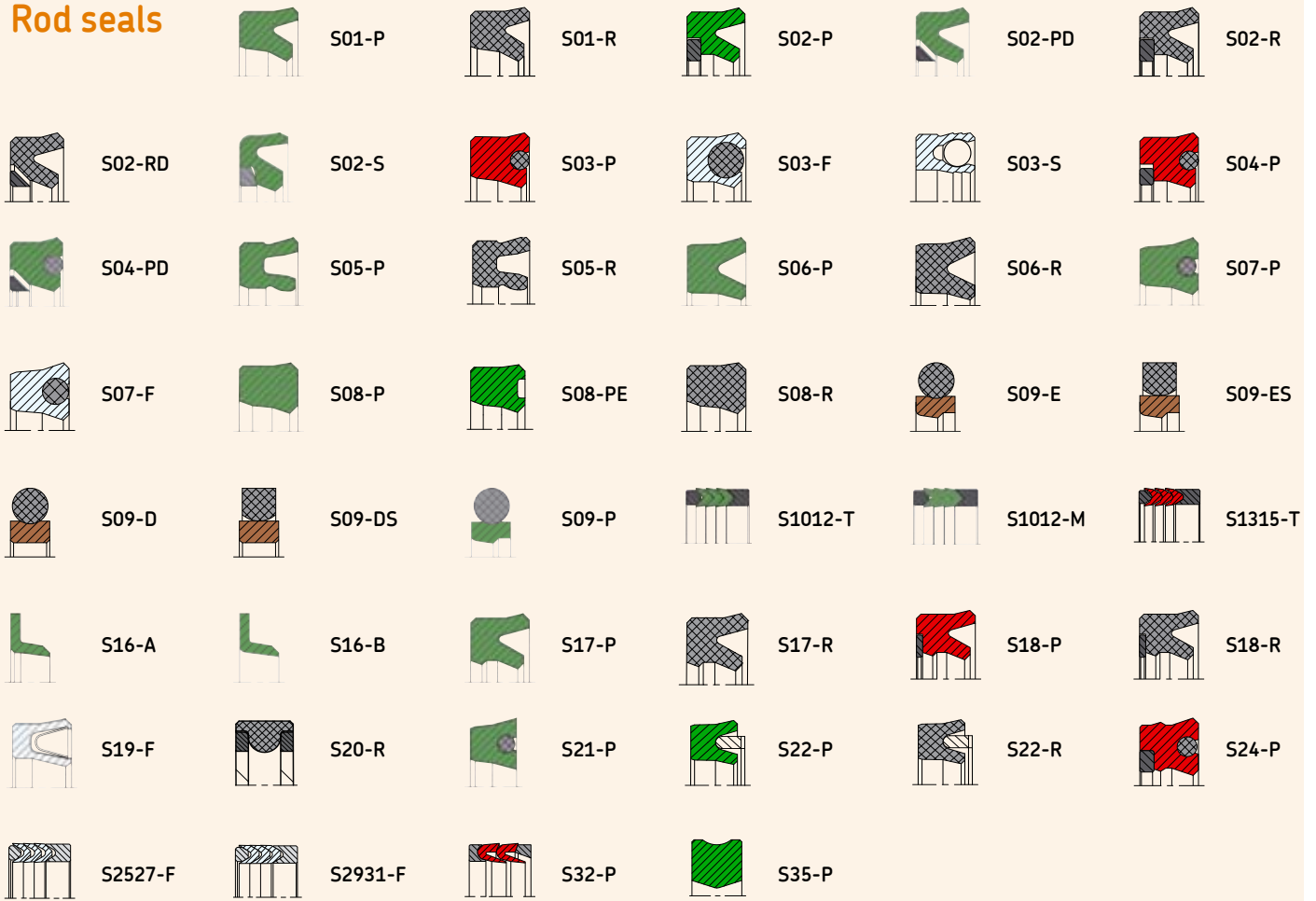


NOTE: Due to our innovative manufacturing process we are able to produce any other profile in any dimension and material.

Wipers



Rod seals

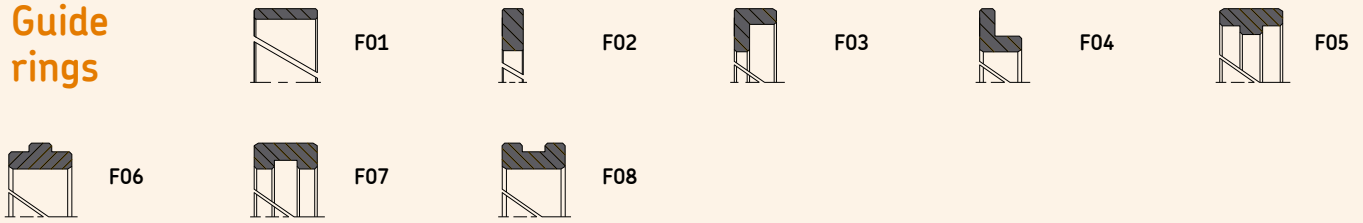


Indicated materials (colours) are just examples, profiles are available in a wide range of standard and non-standard materials.

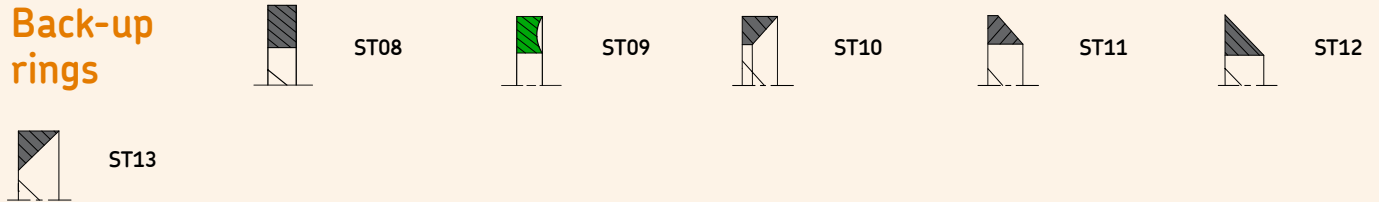
Rotary seals



Guide rings



Back-up rings



Materials overview

	Color	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
Elastomers, polyurethanes										
ECOPUR® Polyurethane (TPU)		95/48	-30	110	+	+	0	-	+	-
H-ECOPUR™ Polyurethane (TPU)		95/48	-20	110	+	+	+	+	+	+
S-ECOPUR™ Polyurethane (TPU)		95/48	-20	110	+	+	+	+	+	+
T-ECOPUR™ Polyurethane (TPU)		95/48	-50	110	+	+	0	-	+	-
G-ECOPUR™ Polyurethane (TPU)		95/47	-30	110	+	+	+	0	+	0
X-ECOPUR™ Hard grade polyurethane (TPU)		97/57	-30	110	+	+	0	-	+	-
XH-ECOPUR™ Hard grade polyurethane (TPU)		97/60	-20	110	+	+	+	+	+	+
XS-ECOPUR™ Hard grade polyurethane (TPU)		96/57	-20	110	+	+	+	+	+	+
Elastomers, rubber										
SKF Ecorubber-H Hydrogenated NBR (H-NBR)		85/-	-25	150	+	+	+	+	+	+
SKF Ecorubber-1 Acrylonitrile butadiene rubber (NBR)		85/-	-30	100	+	+	+	+	+	+
SKF Ecorubber-2 Fluorocarbonate rubber (FKM)		83/-	-20	200	+	+	+	0	+	+
SKF Ecorubber-3 Ethylene propylene diene rubber (EPDM)		85/-	-50	150	-	-	-	-	+	+
SKF Ecosil Silicone rubber (VMQ)		85/-	-60	200	+/0	+/0	0	0	+	+
SKF Ecoflas Tetrafluoroethylene propylene rubber (TFE/P)		83/-	-10	200	+	+	+	+	+	+
Thermoplastics										
SKF Ecotal Polyacetal (POM)			-50	80	+	+	+	+	+	+
SKF Ecoflon 1 Polytetrafluoroethylene (PTFE)		-/57	-200	260	+	+	+	+	+	+
SKF Ecoflon 2 Polytetrafluoroethylene +15 % glass +5 % MoS ₂		-/60	-200	260	+	+	+	+	+	+
SKF Ecoflon 3 Polytetrafluoroethylene +40 % bronze		-/64	-200	260	+	+	+	+	+	+
SKF Ecoflon 4 Polytetrafluoroethylene +25 % carbon		-/65	-200	260	+	+	+	+	+	+
SKF Ecomid Polyamide (PA)		-/77	-40	100	+	+	+	+	0	0
SKF Ecowear Ultra-High Molecular Weight Polyethylene (UHMWPE)			-200	70	+	+	+	+	+	+
SKF Ecopaek Polyaryletherketone (PEEK)		-/86	-60	250	+	+	+	+	+	+
					+	Suitable			-	Not recommended
					0	Unknown data or limited resistance			RT	Room temperature (20 °C)