
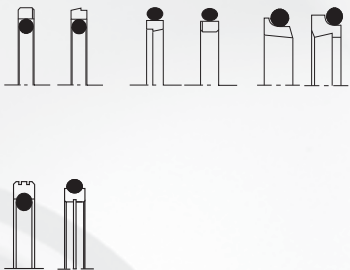
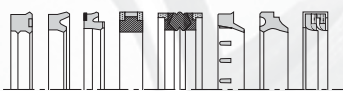




Guiding & sealing systems

S.F. Components is a provider of highly mechanised, high-quality hydraulic components with classic guidings and sealing systems, special parts as well as customised individual solutions, geared towards a variety of hydraulic application industries. In doing so, we draw upon five core technologies:

Core technologies	Product type	Shape	Material
Guide elements 	Piston guiding Rod guiding Plunger guiding Bushing	standard individual	Fabric-base laminate Cotton fabric / Phenolic resin Synthetic fibre / Phenolic resin with PTFE Polyester / Polyester resin Aramid-fabric / high temp. phenolic PTFE - Compounds Polyacetal
PTFE-sealing 	Piston sealings Rod sealings Wipers Rotary sealings	single and double acting single and double acting external sealing action internal sealing action	PTFE - Bronze PTFE - Carbon fibre PTFE - Fibre glas PTFE - Food compatible compound Special material (e.g. PEEK, Ekonol) Polyurethane / PU + MoS2 PTFE - Bronze PTFE - Carbon fibre PTFE - Fibre glas PTFE - Food compatible compound Special material (e.g. PEEK, Ekonol)
Hydraulic sealing systems 	Piston sealings Rod sealings Wipers		Standard material, such as Polyurethane, PTFE, NBR/FPM Special material
Backup rings 	continuous spiral slotted		PTFE - Bronze PTFE - Carbon fibre PTFE - Fibre glas PTFE - Food compatible compound Polyurethan POM Special material (e.g. PEEK, Ekonol)
Special sealing systems Special components <i>Individual manufacturing</i> 	Piston sealings Rod sealings Wipers Special sealings Special components	single and double acting customer request single and double acting	Standard material, such as Polyurethane, PTFE, NBR/FPM Polyethylene POM, PA Special material