








STATIC SEALS

Profile	Designation	Application	Application Limits for Standard Version		
			pressure [bar]	Temperature Range [°C]	speed [m/s]
OBVD ax 	Composite O-Ring Backring Seal	O-ring with a permanently attached elastomer back ring. For all standard O-ring grooves. All materials used are hard-wearing and are capable of compensating for expansion of cylinder. Simple fitting like O-rings. Modification of standard O-ring groove is not necessary with the use of OBVD ax. The back ring of the axial version has an additional sealing lip.	500	-30...+100	-
OBVD 2ax 	Composite O-Ring Backring Seal		500	-30...+100	-
S90 	Static Seal, inside or outside sealing	Static sealing for O-ring grooves of cord sizes 7 mm and 10 mm, inside or outside sealing.	630	-45 ... +120	-
POR 	Precision O-Ring	available as POR 8 = 80° Shore A NBR, POR 9 = 90° Shore A NBR, POR V = 80° Shore A Viton, POR S = 70° Shore A Silicon; for use as static seal.	acc. to Shore hardness	-30...+100	-
STI / STA 	Support Ring inside / outside	split element without gap, for simple installation, to prevent gap extrusion of O-rings, also available without split	630	-30...+100	-
MCOR 	Multi-Component Precision O-Ring	seal for aggressive fluids, material combinations for wide ranging applications, excellent compression set, also available with back-up-rings (similar to OBVD ax or OBVD 2ax).	acc. to Shore hardness	-50 ... +220	-
UPOR 	Precision O-Ring, Covered	for foodstuff and chemical applications, where aggressive fluids are used.	450	-30...+200	-

The above values are maximum values which should not occur simultaneously.