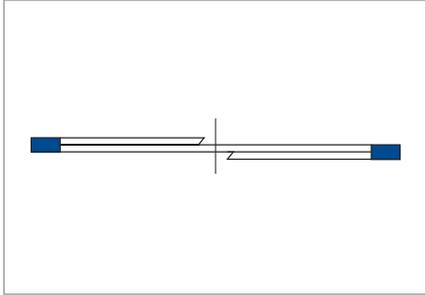


# SPIRAL BACK-UP RING SPR



Spiral Back-Up Ring SPR

## PRODUCT DESCRIPTION

Spiral-shaped split bearing component with rectangular cross section.

## PRODUCT ADVANTAGES

Advantage compared to conventional back-up rings: Even in cases where considerable temperature fluctuations occur, i.e. if there is post-shrinkage of the back-up ring, at least one turn of the spiral will be left to support the ISC O-Ring over the gap at any point around the circumference. Also suitable for non-standard diameters, as the ring can be shortened and thus adapted to fit.

## APPLICATION

Bearing component to prevent gap extrusion of radial sealing ISC O-Rings.

## MATERIAL

Material	Code
Unfilled PTFE	PTFE00/F52800 or PTFE 177509

## OPERATING CONDITIONS

Media	Temperature
All fluids used in hydraulics	-70 ... +260 °C* (only valid for PTFE component)

\* according to the O-ring material used

## FITTING & INSTALLATION

The surface finish requirements correspond to the values stipulated; → Technical Manual.  
Gap width: when using PTFE spiral back-up rings, operating pressures  $\leq 40$  MPa (400 bar) or gap widths up to 0,3 mm can be bridged.  
Special sizes or special materials are available on enquiry.