

# Injection Molded Seal made of Moldflon™

**Application: Thermal Management**

## Description

Dynamic sealing concept for axial and radial sealing solutions with outstanding sealing performance. Manufactured from Moldflon™, the unique PTFE-material for injection molded parts. Moldflon™ seals are designed for longer lifetimes, less wear and extremely less friction compared with seals made of other materials.



## Features

- Axial and radial sealing combined in one seal
- Special spring design for adjusting the radial forces
- Low friction
- High temperature resistance
- No stick-slip effect
- High media resistance

## Application Parameters

- Medium: cooling solvent
- Volume flow: up to 230 l/min
- Temperature range: -40°C to 135°C
- Pressure range: up to 4.6 bar

## Product Advantages

- Maximum design freedom, compared with machined sealing concepts
- 300% higher stiffness compared with PVDF at 135°C
- Longer lifetime
- Less wear compared with other sealing materials like PVDF