

Element materials

Material Code	Name and description	Application details
SEALING LIP MATERIALS :		
72	Rulon® 641 Proprietary filled PTFE White colour	Meets FDA requirements. Moderate wear and heat resistance. Suitable for use on soft shafts such as 316 Stainless Steel.
F8	Gylon 3510 Special filled PTFE White colour	Extreme wear resistant material for use in high-speed applications in dry or non-lubricating environments. Excellent material for use in water. Requires a shaft hardness of 55 HRC minimum. <ul style="list-style-type: none"> • Gylon white complies with FDA 21CFR1550. • It meets ingredient and extract requirements. • The fillers are acceptable under 21CFR 177.2600 • Branding ink complies with FDA 21 CFR.175.300
METAL COMPONENTS :		
M1	Low-carbon steel	Used for outer case, inner case and washers. Low cost. Limited corrosion resistance.
M2	Aluminium	Lightweight material used for outer case, inner case and washers. Low cost. Limited corrosion resistance.
M3	Stainless Steel 304	Used for outer case, inner case, washers and support rings. Good corrosion resistance.
M4	Stainless Steel 316	Used for outer case, inner case, washers and support rings. Good corrosion resistance.
M5	Stainless Steel 316 Ti	Used for outer case, inner case, washers and support rings. 316 Stainless Steel with titanium for superior corrosion resistance.

Rulon® is a registered trademark of Furon Company. Ekonol® is a registered trademark of SOHIO Company. Ask for our technical documentation.

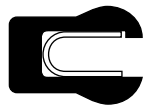
Eriseals

We have different executions. Please ask:

- Our technical 'omniseal documentation'
- FDA execution filled with silicone



Temp.: -70/+260°C
Velocity: 15 m/s
Helicoidal spring
200 bar
Type: 230-239



Temp.: -70/+260°C
Velocity: 15 m/s
V-spring
450 bar
Type: 220-225



Temp.: -70/+260°C
Static
V-spring
Type: 320-323



Temp.: -70/+260°C
Static
V-spring
Type: 348-349



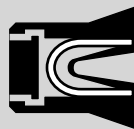
FDA, filled with silicone

Omniseal 400A can be supplied with an FDA-silicone-filling.



Type RS

In this unique design the inserted stainless steel spring is totally protected by the PTFE-coating on the media side. Applications with high temperatures, defined friction forces and very elastic behaviour are characteristics for this sealing element. Even extra-pure media can be conveyed or sealed off with this seal, where the medium may not get into contact with the metal. This type is FDA approved and admitted for food and pharmaceutical drugs.



Type JS

The series JS is a variant of the RS type, but with a machined synthetic material jacket. Available in all sizes without additional costs. Mostly for small quantities. The jacket is available in PTFE or also in FDA approved UHMW-Polyethylene.