

Dato: 10-03-2016

FDA Compliant Mechanical Seal Materials

IMPORTANT

ALL WETTED MATERIALS MUST BE CONSIDERED.

FDA COMPLIANT (OR EXEMPT/GRAS*) MATERIALS ARE ONLY AVAILABLE FOR MULTI-SPRING SEALS.

Carbon

Carbon grade FH82Z5 (AESSEAL standard supply).

- Listed FDA 21 CFR 177.2410

Dry Running Carbon grade FH71Z5 / FH71ZH5

- Exempted FDA 21 CFR 170.39

Antimony carbon grades are NOT included. For other FDA compliant grades refer to QA Dept list.

Silicon Carbide

Sintered and reaction bonded SiC (AESSEAL standard supply).

Exempted from FDA regulations (GRAS*).

Tungsten Carbide

Nickel bound TC (AESSEAL standard supply).

Exempted from FDA regulations (GRAS*).

Alumina Ceramic

99.5% Alumina Ceramic (AESSEAL Standard supply).

Exempted from FDA regulations (GRAS*).

PTFE / Teflon

Virgin PTFE (GRAS*).

25% Glass filled – Specific FDA grade (certified).

Viton 'O' rings

ESP V680-70 or PPE V70H.

Listed FDA 21 CFR 177.2600

Dato: 10-03--2016

EPDM 'O' rings

Specific FDA grade (certified).
Listed FDA 21 CFR 177.2600

Kalrez 'O' rings

Specific FDA grade (certified). Kalrez® 6221, 6230 & 6230A
Listed FDA 21 CFR 177.2400

FEP 'O' rings

Standard AESSEAL supply FEP O-rings.
Listed FDA 21 CFR 177.1550

Gasket

Gylon c/w adhesive backing (FDA certified excl. adhesive).
Listed FDA 21 CFR 177.1550

Grease

Molykote 111.
Listed FDA 21 CFR 178.3570

316L Stainless Steel

Generic material exempted from FDA regulations

(GRAS*). GRAS * : Generally regarded as safe.

Best Regards,



Henrik Sandberg, CEO Owner