



FDA Compliant (F-) Component Seal Materials

IMPORTANT

ALL **WETTED** MATERIALS MUST BE CONSIDERED.

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

Carbon:

- Specific FDA grade
- Listed FDA 21 CFR 177.2410

Silicon Carbide, Tungsten Carbide & Alumina Ceramic:

- Sintered and reaction bonded SiC (AESSEAL standard supply).
- Tungsten Carbide Nickel bonded (AESSEAL standard supply).
- Alumina Ceramic 99.5% Purity (AESSEAL standard supply).
- These materials conform to FDA requirements for 'Generally Recognized As Safe (G.R.A.S.)' applied to materials in contact with foodstuffs.

PTFE / Teflon

- Virgin PTFE (GRAS*).

EPDM 'O' rings/Elastomers:

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

Viton 'O' rings/Elastomers:

- 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



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Nitrile 'O' rings:

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

Aflas 'O' rings:

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

FEP 'O' rings:

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

AES Elast:

- Standard grade (certified).
- Listed FDA 21 CFR 177.2600

304/316 Stainless Steel:

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* GRAS = Generally Recognized As Safe