

TECH NOTE

TN-113 – FDA Approved Materials

ERECTA SWITCH products are available in materials that are compliant with FDA regulations for food contact applications. The following materials used in ERECTA SWITCH wetted components have FDA-compliant status:

Polypropylene (PP) — FDA 21 CFR 177.1520. Used in Series 5, 10, 15, and 20 switch bodies, stems, floats, and fittings.

Acetal (AC) — FDA 21 CFR 177.2470. Used as an alternative to PP in Series 5, 10, and 20 components where higher stiffness or better chemical resistance to hydrocarbons is required.

Kynar PVDF (KR) — FDA 21 CFR 177.2510. The premium material option. Highest chemical resistance and UV stability. Used in Series 5, 10, 11, 15, and 20 components for aggressive chemical environments.

EPDM O-rings — FDA 21 CFR 177.2600. Standard O-ring material for most ERECTA SWITCH assemblies.

Material selection for food or pharmaceutical contact applications should also consider regulatory requirements of the specific application, cleaning and sanitizing chemistry, and any applicable 3-A Sanitary Standards. Consult Compac Engineering if your application has specific material certification requirements.

Note

FDA compliance of the wetted material does not by itself constitute approval for use in a regulated food or pharmaceutical application. System design, cleaning protocols, and other factors must also meet applicable regulatory requirements.