

Serving the Beverage Processing Industry with Kynar® PVDF



Today's wine, beer and juice producers, home brewers, and restaurants demand materials that are **easily processable, flexible**, and can withstand more **physical and chemical abuse**. Kynar® fluoropolymers are extreme materials with specific attributes that give them the ability to **replace other plastics and even stainless steel**. Easily processable into pump components, tubing, fittings, pipes, and valves, Kynar® PVDF is available in various grades for demanding customer applications.

- **Abrasion Resistance** - Can outperform steel
- **Low Absorption** - Taste of beverage is minimally affected
- **Low Extractables** - Regulatory compliance achieved
- **Chemical Resistance** - Easy to clean and maintain
- **A Complete Solution** - Kynar® resins can be joined together using various common methods (mechanically joined, threaded, or fusion welded)



KYNAR® PVDF ADVANTAGES OVER EXOTIC METALS

- **Non-Corroding / No Rust**
- **Non-Wetting / Easy Release**
- **Chemically Inert**
- **High Purity / Minimal Leaching**
- **No Metallic Taste Issues**
- **Can Clean with Aggressive Chemicals**
- **Broad Range of Processing Equipment Components**
- **Lightweight**
- **Safety - No Sharp Edges**

INDUSTRY SPECIFICATION

→ **Certain grades of Kynar® PVDF conform to specifications and requirements for the beverage processing industry, including FDA 177.2510 and 177.2600 for Repeated Contact with Food, Kosher Certified by Chicago Rabbinical Council (CRC), NSF 51 & 61, and USP Class VI.**

→ **Available Grades:** A variety of grades are available with a wide range of properties. The most commonly used grades in the Beverage Industry are Kynar Superflex® 2500, Kynar Flex® 2750, Kynar Flex® 2800, Kynar Flex® 2850, Kynar® 1000 HD, and the Kynar® 700 series. Specific grade properties and characteristics can be found at ark.ma/polymerDatabase. www.extremematerials-arkema.com.

→ **APPLICATIONS INCLUDE PIPING, FLEXIBLE TUBING, FITTINGS, CONNECTORS AND MORE...**



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