

KYNAR® PVDF IN THE BEVERAGE INDUSTRY



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.

Key Attributes:

- ❖ **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 fused together using various common methods (mechanically joined, threaded, or fusion welded)

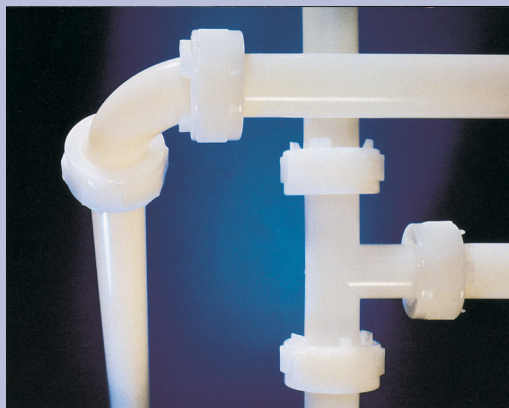
KYNAR® PVDF ADVANTAGES OVER EXOTIC METALS

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 Specifications: 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/tpamaterials.

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



Arkema's dedicated business and technical community can assist in choosing Kynar® PVDF grades. Please call 1-800-KYNAR-50 or contact us at www.kynar.com for assistance.

The Technical Polymers Food & Beverage Market page can be found at this address: ark.ma/tpa-food-and-beverage

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