

## High Performance Solutions for the Chemical Handling Industry

Kynar® PVDF resin provides a cost effective, durable, high performance and long lasting solution for chemical handling and storage.

### THINK KYNAR® PVDF RESIN FOR HANDLING AND STORAGE

Kynar® PVDF resin is well established in the chemical industry for its excellent chemical and abrasion resistance, mechanical toughness and long-term durability.

#### **Kynar® PVDF piping handles these common chemicals:**

acetic acid, acid mixtures, biodiesel, bromine, bromobenzene, chlorine, chlorinated salts, chlorobenzene, chromic acid, deionized water, hydrobromic acid, hydrochloric acid, hydrofluoric acid, hot sugars, iodine, metallic chlorides, methane sulfonic acid, methyl alcohol, methyl chloroform, phosphoric acid, nitric acid, salicylic acid, salt water, sodium hypochlorite and sulfuric acid.

### A LONG LASTING SOLUTION FOR CORROSION PROBLEMS

Because it has high temperature resistance, low permeability and high mechanical strength, Kynar® PVDF is used as a contact surface for the production, storage and transfer of corrosive fluids. Kynar® PVDF resin is used in mechanical components, fabricated vessels, tanks, pumps, valves, filters, heat exchangers, tower packing, piping systems, cathodic protection cables, and many other applications.

- 150°C RTI rating
- Excellent chemical resistance
- Superior nuclear resistance
- Abrasion resistance similar to nylon
- High mechanical strength to 140°C
- Low permeation to gases and liquids
- Resistant to burning (ASTM E84 - 0/10 rating)

### KYNAR® PVDF AND KYNAR FLEX® RESINS

- Handles combined chemical wastes
- Excellent impact resistance
- Flexible and easy to fabricate
- Lining protection for metal substrates
- Protects your fluid handling system from corrosion
- Save time and money
- Strong and tough
- Installed costs comparable to stainless steel with longer life and reduced maintenance costs.
- Heat resistant
- Available in a multitude of forms



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