



Polyflex introduces custom PVC compounds with NSF and 3-A approvals – unique resin formulations designed to meet rigid industry standards for tubing and other components involved in the safe contact and processing of potable water, food, and dairy product processing.

NSF 51 APPROVED RESIN COMPOUNDS

Throughout the food processing industry, NSF 51 standards are relied upon to help ensure the safety of materials and components used in a wide range of applications.

Potential applications

- Food processing
- Food & beverage dispensing
- Deionized water
- Drinking water applications
- Air breathing lines
- Liquid and powder food products



NSF 61 APPROVED RESIN COMPOUNDS

From the source to the tap, NSF 61 standards are recognized for everything that comes in contact with drinking water to make sure these products do not contribute contaminants or impurities to the water, creating the potential for adverse health effects.

Potential potable water applications

- Drinking water
- Municipal water hoses
- Riser hoses in sinks and bath fixtures
- Water bottling systems

Food service applications

- Condiment dispensing (disposable packaging)
- FDA and NSF compliant and/or listed products
- Beverage-in-a-box dispensers

Medical applications

- Advanced wound care drainage tubes
- Hospital medical gas delivery infrastructure
- Surgical fluid evacuation/suction

QS-9001 / ISO-9001 CERTIFIED

Polyflex compounds are preferred in the manufacture of products that require both safety and durability ... high strength, high density PVC hoses and components that are inherently resistant to most chemicals, while resisting cuts and damage.

3-A DAIRY APPROVED RESIN COMPOUNDS

3-A approval criteria help assure cleanability, bacterial treatment, repeat use conditions, and FDA compliance in the production of PVC materials involved in the production, processing, and handling of raw and farm milk, cheese, butter, and other dairy products.

Potential applications

- Tubing
- Vessels
- Fillers
- Valves and fittings
- Pumps and mixers
- Heat exchangers
- Conveyors and feeders
- Instruments
- Connecting equipment

