

Compliance Footnotes for Flexair™ Catalog Products

- (01) 3A – Material approved by 3-A Sanitary Standards, Inc. for multi-use plastic materials, number: 20-25, as product contact surfaces in equipment for production, processing and handling of milk and milk products.
- (02) BSE/TSE – The majority of the raw materials used in our formulations are not manufactured or derived from materials of animal origin. Nor do our products come into contact with materials of animal origin during processing. Our suppliers of raw materials have assured us their compounds exceed the relevant European Guidance on minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents Via Human and Veterinary Medical Products.
- (03) FDA – Material conforms to CFR title 21, parts 170-199.
- (04) MSHA – Hose approved by the United States Department of Labor’s Mine Safety and Health Administration as having met Part 18, Title 30 CFR, and the Interim Fire Criteria for Acceptance of Products Taken into Underground Mines as water transfer hose.
- (05) Phthalate Free – Manufactured from all phthalate free materials.
- (06) RoHS – The product complies with the requirements of the EU directive 2002/95/EC which is on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- (07) UL – The materials have been tested and conform to UL94 flame classification V-0.
- (08) USDA – Hose approved by the US Department of Agriculture for use in federally inspected meat and poultry plants.

Chemical Resistance Guide Warning

The Chemical Resistance Guides shown on the following page is intended for general guidance only. The information contained therein is based upon tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. No warranty is expressed or implied, as specific application parameters, such as temperature, pressure and chemical concentrations vary widely. Furthermore, use of these hoses for handling multiple chemical products, either singly or as a mixture, may introduce uncontrollable factors relating to chemical resistance.

Before using any hose, the user is responsible for determining the suitability of the hose for the intended application. Therefore, the user assumes all risk and responsibility for determining the suitability of any hose for handling any chemical or chemicals.

Chemical Resistance Guide

Key: 1- GOOD RESISTANCE 2 - FAIR RESISTANCE 3 - POOR RESISTANCE - NO DATA

Transferred Material (@ 68°F)	Hose Material Construction						
	Neoprene	PP	PVC	Silicone	TPR	TPU (Ester)	TPU (Ether)
Acetic Acid (30%)	2	1	1	1	1	3	-
Acetone	2	1	3	-	1	2	3
Acetylene	2	-	1	1	-	1	-
Aniline (Aminobenzene)	3	1	2	-	1	3	-
Benzene	3	3	3	3	3	2	3
Boric Acid	3	1	1	1	1	3	1
Bromine	3	3	3	3	-	3	-
Butane	1	-	-	3	1	1	-
Calcium Chloride	-	1	1	1	1	2	1
Carbon Dioxide	1	-	-	1	1	-	1
Carbon Monoxide	1	-	1	1	1	1	1
Carbon Tetrachloride	3	3	3	3	-	2	3
Chlorine, Dry	2	3	2	-	3	3	-
Chlorine, Wet	3	3	3	-	3	3	-
Chloroform (Trichloromethane)	3	-	3	3	3	3	-
Chromic Acid (25%)	3	3	-	2	-	3	3
Citric Acid	1	1	1	1	1	3	1
Diethylene Glycol	1	-	1	1	-	-	-
Ethyl Alcohol (Ethanol)	1	1	1	1	1	-	2
Ethyl Chloride	2	-	3	3	3	3	-
Ethylene Glycol	1	1	1	1	1	1	1
Formaldehyde	-	2	3	-	-	-	-
Formic Acid (10%)	-	1	-	1	1	3	3
Glycerine	1	1	1	1	1	1	1
Heptane	3	-	2	3	3	1	-
Hexane	-	-	2	3	2	-	-
Hydrogen	1	-	1	-	1	1	-
Isobutyl Alcohol	1	-	1	1	-	-	1
Isooctane	-	-	1	-	-	1	-
Isopropyl Alcohol	-	-	1	-	-	-	1
Kerosene	-	-	3	3	3	1	1
Methyl Ethyl Ketone (MEK)	3	2	3	3	1	2	2
Methane	1	-	1	3	-	-	-
Methyl Alcohol	1	1	2	1	-	2	-
Methylene Chloride	3	2	3	3	3	3	-
Naptha	-	-	3	3	2	1	2
Napthalene	3	3	3	3	2	-	1
Natural Gas	1	-	-	1	-	1	-
Nitric Acid (10%)	1	2	1	1	1	3	-
Nitrogen	-	-	-	-	-	-	-
Nitrous Oxide	-	-	1	-	-	1	-
Oleic Acid	3	2	1	3	1	3	1
Oleum	3	-	3	-	3	3	-
Ozone	2	-	2	1	1	-	1
Paraffin	-	-	1	-	-	-	1
Perchloroethylene	3	3	3	2	3	-	-
Propane Gas	-	-	1	-	3	1	-
Salt/Sea Water	1	1	1	1	1	2	1
Sodium Hydroxide (10%)	1	1	2	-	1	2	-
Sodium Hydroxide (50%)	1	1	3	-	1	3	-
Sodium Hypochlorite (10%)	-	1	-	-	1	2	2
Sulfuric Acid (10%)	1	1	-	3	1	2	-
Sulfuric Acid (50%)	3	1	3	3	2	3	-
Tetrahydrofurane	3	3	3	-	1	3	-
Trichloroethylene	3	3	3	-	3	2	3
Turpentine	3	3	2	3	3	-	3
Urea	1	-	-	-	1	-	-
Vinegar	2	-	1	1	1	-	1
Xylene	3	3	3	3	3	-	3

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.