



Carolina Components Group FlowLinX Fitting Regulatory Overview

Date	March 10, 2022
Subject	Regulatory Compliance Statement
Parts Affected	FlowLinX
Resin Material Type	P5M6K-080 Animal Free Polypropylene Resin
Resin Manufacturer	Flint Hills
Revision Date	July 15, 2024

USE OF THIS REGULATORY INFORMATION

The information provided as requested is intended to be used for informational purposes only. Carolina Components Group relies on information provided by its suppliers. Carolina Components Group makes no representation or warranty as to the completeness or accuracy of the information contained herein. It is intended for use by persons having technical skill, at their own discretion and risk, who will make their own determination as to its suitability for their purposes prior to use. As with any material, evaluation of compound under end-use conditions prior to specification is essential. Customers must make their own determination that use of this product is safe, lawful, and technically suitable for the intended use.

MANUFACTURING ENVIRONMENT:

ISO 8 Clean room facility (certified operational) in accordance with ISO 14644 principles.



Carolina Components Group FlowLinX Fitting Regulatory Overview

MATERIALS OF CONSTRUCTION:

FlowLinX TC products are manufactured from P5M6K-080 polypropylene resin, a drug master file listed (#9988) resin.

BIOCOMPATIBILITY:

The resin material used to manufacture FlowLinX products is certified to meet USP <88>, Biological Reactivity Tests, Class VI, In Vivo.

The resin material used to manufacture FlowLinX products is non-cytotoxic in accordance with ISO 10993-5.

USP <85> BACTERIAL ENDOTOXIN:

The resin material used to manufacture FlowLinX products is certified to meet USP <85>, Bacterial Endotoxin.

TSE/BSE/ADCF STATEMENT:

No animal products, or by-products, are used in the manufacture of, nor intentionally added to FlowLinX polypropylene products.

FOOD CONTACT APPLICATIONS:

FlowLinX products which are intended for the application of food and beverage processes are compliant to the extractable limits specified in FDA 21 CFR 177.1520 (c) 3.1a.



Carolina Components Group FlowLinX Fitting Regulatory Overview

ALLERGENS:

The material used to manufacture does not contain allergens - as defined by FDA as Milk, Eggs, Fish, Crustaceans, Wheat, Soy, Peanuts, Tree Nuts - in the manufacture or formulation of this product.

LATEX:

Latex is not intentionally added in the formulation or manufacture of FlowLinX products.

PHTHALATES:

Material used to manufacture FlowLinX products are Phthalate-free.

NITROSAMINE

Nitrosamines are not intentionally added in the formulation or manufacture of FlowLinX products.

BPA / MELAMINE STATUS:

Neither BPA nor Melamine are used in the formulation or manufacture of the resin product used to manufacture FlowLinX products.

REACH/RoHS:

Material used to manufacture FlowLinX products are compliant with REACH/RoHS requirements as indicated in the SVHC Table update 08JUL2021.



Carolina Components Group FlowLinX Fitting Regulatory Overview

GENETICALLY MODIFIED ORGANISM:

This product may utilize a component produced from material of unknown genetic origin in its formulation.

LEACHABLES/EXTRACTABLE (L/E) PROFILE:

The P5M6K-080 resin used to manufacture FlowLinX products as been tested for extractables per the recommended guidelines of the BioPhorum Operations Group (BPOG). Results of the testing are available upon request.

CONFLICT MINERALS:

Conflict minerals as defined by the Dodd-Frank Act, are not used in the manufacture of FlowLinX products.

STERILIZATION/SANITIZATION:

FlowLinX products may be Sterilized/sanitized by Autoclaving (121°C for 20 minutes) and Gamma-Irradiation.

GAMMA-IRRADIATION COMPATIBILITY:

FlowLinX products may be exposed to Gamma-Irradiation up to a total of **50kGy**.



Carolina Components Group FlowLinX Fitting Regulatory Overview

SHELF-LIFE AND STORAGE CONDITIONS STATEMENT:

Non-Sterile and Non-Irradiated FlowLinX Product Shelf Life is 5 Years from Date of Manufacture when stored away from exposure to direct sunlight within its original product packaging under ambient temperature and humidity conditions. Gamma irradiated product, when stored under the same conditions, will have a 5 Year Shelf Life.

WORKING PRESSURE

FlowLinX Sanitary Fittings have a working pressure of **94 psi**.

Prepared By:

Date: 07/15/2024