



## Rubber Compounds

### FDA COMPLIANCE / EC FOOD SAFETY COMPLIANCE

Siftex Equipment Company Inc. hereby certifies that our rubber products meet the requirements of the Federal Standard CFR21 for rubber products in repeated contact with dry and aqueous food materials.

WHITE GUM  
TAN GUM  
NITRILE  
CARBOXYLATED NITRILE RUBBER  
NEOPRENE

EPDM  
TRANSLUCENT SILICONE  
RED SILICONE  
VITON  
WHITE SILICONE

Specifically, each compound listed contains approved ingredients, including the amounts, per the regulation. For use with food materials, the manufacturing process and practices comply with paragraphs (d), (e), and (f) of the regulation as noted below with (d) and (e) of the regulation.

TITLE 21—FOOD AND DRUGS  
CHAPTER 1—FOOD AND DRUG ADMINISTRATION DEPARTMENT  
OF HEALTH AND HUMAN SERVICES SUBCHAPTER B—FOOD FOR  
HUMAN CONSUMPTION (CONT.)

PART 177—INDIRECT FOOD ADDITIVES: POLYMERS SUBPART  
C—SUBSTANCES FOR USE ONLY AS COMPONENTS OF ARTICLES  
INTENDED FOR REPEATED USE.  
SECTION 177.2600 RUBBER ARTICLES INTENDED FOR REPEATED USE  
PARAGRAPHS "A" THROUGH "F".

(d) Rubber articles intended for use with dry food are so formulated and cured under conditions of good manufacturing practice as to be suitable for repeated use.

(e) Rubber articles intended for repeated use in contact with aqueous food shall meet the following specifications: The food-contact surface of the rubber article in the finished form in which it is to contact food, when extracted with distilled water at reflux temperature, shall yield total extractives not to exceed 20 milligrams per square inch during the first 7 hours of extraction, nor to exceed 1 milligram per square inch during the succeeding 2 hours of extraction.

(f) Rubber articles intended for repeated use in contact with fatty foods shall meet the following specifications: The food-contact surface of the rubber article in the finished form in which it is to contact food,

when extracted with n-hexane at reflux temperature, shall yield total extractives not to exceed 175 milligrams per square inch during the first 7 hours of extraction, nor to exceed 4 milligrams per square inch during the succeeding 2 hours of extraction.

### EC FOOD SAFETY COMPLIANCE

The European Community Framework Regulation EC1935/2004 for elastomers which can reasonably be expected to come in contact with foodstuffs.

Specifically, each compound listed is recognized as safe in that the rubber compound will not change the organoleptic characteristics of the foodstuffs, i.e.: Taste, Odor or Composition.

And, that the rubber products when in contact with foodstuffs do not represent a potential danger to human health.

The rubber products listed are manufactured using good manufacturing practices which allow for the traceability of the rubber compounds from manufacturing through to delivery to the Siftex customer. This documentation is available upon request.



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