



EJAY INDUSTRY CO., LTD.

Molded & Extruded Rubber Products

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NSF / WRAS / FDA / UL

NSF International Applications (ANSI/NSF Std 61)

Products certified and carrying the NSF mark display that they have been proven safe for contacting products intended for human consumption. NSF is also known for its food related and potable water standards.



WRAS(Water Research Advisory Scheme)

The Water Fittings Regulations (or Byelaws 2000 in Scotland) are national requirements for the design, installation and maintenance of plumbing systems, water fittings and water-using appliances. Their purpose is to prevent misuse, waste, undue consumption or erroneous measurement of water and, most importantly, to prevent contamination of drinking water. They replace the former Water Supply Byelaws which each water supplier has administered for similar purposes for many years. Since 1 July 1999 in England and Wales, and 4 April 2000 in Scotland, all plumbing systems, water fittings and equipment supplied, or to be supplied, from the public water supply come under these regulations. This applies to systems in all types of premises. The regulations apply from the point where water enters the property's underground service pipe. Premises without a public water supply connection are not governed by these regulations.



FDA Regulations/ Food & Beverage Application

We rigorously regulate the ingredients in rubber compounds that are intended for use in food contact



U.S. Department of Health and Human Services

Food and Drug Administration

application by following the guidelines as stated in the Code of Federal Regulations (CFR) set out by the FDA.

The FDA provides two categories for individual food types rubber compatibility. Class 1 category designates food that includes edible oils, butter, milk and milk based products and cooking oils.

Class 2 pertains to food that does not contain edible oils or milk products. Water, soft drinks, alcoholic beverages and other aqueous solutions are typical class 2 products.

Medical Requirements

Medical grade is the term used to designate compounds that will be used in diagnostic devices and medical equipment. Medical compounds can be regarded as those that are "non-contaminating" to the surrounding environment.

Many elastomeric materials can be designed to be medically acceptable through the use of proper ingredients. A material like silicone is generally the first choice for a medical part because of silicone's inertness to body fluids and ability to meet USP class IV regulations.

However in non-critical applications, other materials like butyl, nitrile, ethylene propylene, urethane, fluorocarbon, epichlorohydrin, polychloroprene and CSM are also acceptable in medical applications.

In order for us to assess the suitability of materials, it is essential for us to have the complete details on the media to be encountered and environmental conditions expected. We can then accurately recommend a specific rubber formulation that will make your ideas work better.



UL Listed Compounds

Underwriters Laboratories (UL) provides a rating on how these products correspond to hazards affecting part life and properties.



Products that maintain UL designated safety limits are approved and given the UL trademark label. In order for a product to register, a series of rigorous test must be passed annually, insuring that the product will withstand conditions beyond those usually encountered.