

# Chemical Compatibility Guide for: Nitrile gasket for PIG Drum lids and funnels

This report is offered as a guide and was developed from information which, to the best of New Pig's knowledge, was reliable and accurate. Due to variables and conditions of application beyond New Pig's control, none of the data shown in this guide is to be construed as a guarantee, expressed or implied. New Pig assumes no responsibility, obligation, or liability in conjunction with the use or misuse of the information.



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# Chemical Compatibility Guide

**Guide Applicable to the Following:**  
**Nitrile gasket for PIG Drum lids and funnels**

**Guide Information:**

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**Ratings/Key or Ratings – Chemical Effect**

A = Excellent    B = Good

Conditional = Fair service may be expected if chemical exposure is limited or infrequent. Not recommended for continuous use but may give some service if it is the only elastomer available.

Due to variables and conditions beyond our control, New Pig cannot guarantee that this product(s) will work to your satisfaction. To ensure effectiveness and your safety, we recommend that you conduct compatibility and absorption testing of your chemicals with this product prior to purchase. For additional questions or information, contact New Pig.

Chemical Name	Chemical Class	Rating
Ethanol	Alcohol	A
Formaldehyde	Aldehyde	B
Hydraulic Oil	Aliphatic Hydrocarbon	A
Aluminum Salts	Aluminum Compounds Hydroxylic	A
Diethylamine	Amine	Not Rated
Toluene	Aromatic Hydrocarbon	Conditional
Jet Fuel (JP-5)	Aromatic Hydrocarbon	A
Xylene	Aromatic Hydrocarbon	Do Not Use
Barium Salts	Barium Compounds	A
Calcium Chlorite	Calcium Salt Compound	A
Sodium Chloride	Chloride Salt Compound	A
Tetrachloroethylene	Chlorocarbon Compound	Do Not Use
Cupric Chloride	Copper Compound	A
Ethyl Acetate	Ester	Do Not Use
Glycol Ether	Ether	Not Rated
Ethylene Glycol (Antifreeze)	Glycol Ether	A
Glycol	Glycol Ether	A
Chlorine	Halogen	Not Rated
Benzyl Alcohol	Hydroxyl Compound	Do Not Use

Chemical Name	Chemical Class	Rating
Isopropyl Alcohol	Hydroxylic Compound	B
Nitric Acid	Inorganic Acid	Do Not Use
Phosphoric Acid	Inorganic Acid	10% = A
Sodium Hypochlorite (Bleach)	Inorganic Halogen	Conditional
Hydrochloric Acid (37%)	Inorganic Acids	Conditional
Sulfuric Acid (50%)	Inorganic Acids	Do Not Use
Sodium Hydroxide (50%)	Inorganic Bases	Conditional
Acetone	Ketones	Do Not Use
Methyl Ethyl Ketone (MEK)	Ketones	Do Not Use
Water	Misc.	A
Acetonitrile	Nitriles	Conditional
Nitrobenzene	Nitro Compounds	Not Rated
Hydrogen Peroxide (30%)	Peroxides	Do Not Use
Mineral Oil	Petroleum Hydrocarbon	A
Kerosene	Petroleum Hydrocarbon	A
Diesel Fuel	Petroleum Hydrocarbon	A
Oil	Petroleum Hydrocarbon	A
Gasoline	Petroleum Hydrocarbon	A
Carbon Disulfide	Sulfur Compounds	Do Not Use



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