

Chemical Compatibility Guide

Guide Applicable to the following:
Polyethylene Foam Gasket for PIG Drum Lids and Funnels

Guide Information:

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 this information.

Ratings/Key or Ratings – Chemical Effect

A = Excellent

B = Good

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

NR = Not Recommended

Due to variabilities 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	A
Hydraulic Oil	Aliphatic Hydrocarbon	B
Aluminum Salts	Aluminum Compounds Hydroxylic	A
Diethylamine	Amine	C
Toluene	Aromatic Hydrocarbon	A
Jet Fuel	Aromatic Hydrocarbon	B
Xylene	Aromatic Hydrocarbon	A
Barium Salts	Barium Compounds	A
Calcium Chlorite	Calcium Salt Compound	B
Sodium Chloride	Chloride Salt Compound	A
Tetrachloroethylene	Chlorocarbon Compound	A
Cupric Chloride	Copper Compound	A
Ethyl Acetate	Ester	A
Glycol Ether	Ether	B
Ethylene Glycol (Anti Freeze)	Glycol Ether	A
Glycol	Glycol Ether	A
Chlorine	Halogen	NR
Benzyl Alcohol	Hydroxyl Compound	A

Chemical Name	Chemical Class	Rating
Isopropyl Alcohol	Hydroxylic Compound	A
Nitric Acid	Inorganic Acid	C
Phosphoric Acid	Inorganic Acid	B
Sodium Hypochlorite (Bleach)	Inorganic Halogen	B
Hydrochloric Acid (37%)	Inorganic Acid	B
Sulfuric Acid (50%)	Inorganic Acid	C
Sodium Hydroxide (50%)	Inorganic Bases	B
Acetone	Ketone	A
Methyl Ethyl Ketone	Ketones	A
Water	Misc.	A
Acetonitrile	Nitriles	A
Nitrobenzene	Nitro Compounds	NR
Hydrogen Peroxide	Peroxides	B
Mineral Oil	Petroleum Hydrocarbon	A
Kerosene	Petroleum Hydrocarbon	A
Diesel Fuel	Petroleum Hydrocarbon	A
Oil	Petroleum Hydrocarbon	A
Gasoline	Petroleum Hydrocarbon	A
Carbon Disulfide	Hydroxyl Compound	B



New Pig

One Pork Avenue
Tipton, PA 16684-0304

newpig.com

North America: **1-800-468-4647**

Europe: **+31 (0)76 596 92 50**

China: **+86-21-400 921 5178**

PIG, PIG logo are registered trademarks in USA and other countries. See tm.newpig.com

UK: **0800 919 900**

Outside North America: **+1-814-684-0101**

356563 / 502614