

Chemical Compatibility Guide for:

PIG® Universal Mat Pads, Pulp, Rolls and Tablets (Gray)

PIG® CHAT MAT® and Chat Sock® Absorbents

PIG® High-Visibility Pads and Rolls (Yellow)

PIG® TRAFFIC MAT® Pads and Rugs

PIG® Universal 4 IN 1® Mat (Gray)

PIG® Universal HAM-O® Pads, Pillows, Rolls, Socks and Tablets

NOTICE:

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

Note:

HAM-O® Products, Chat Mat® and Chat Sock® Absorbents are not recommended for use with some solvents or corrosive liquids that may affect the printed pattern. If this is an issue, please test the absorbent prior to use.

Attention:

Independent testing indicates that PIG® Universal Mat products are compatible with and absorb many acids and bases. Due to variables and conditions beyond our control, New Pig cannot guarantee that this product will absorb to your satisfaction.

To ensure effectiveness and your safety, we recommend that you conduct compatibility and absorption testing of your chemicals with PIG® Universal Mat products prior to purchase. If you have any questions or need samples to test, please call us at 0800 919 900.

Chemical	Chemical Class	Swelling (0-2)	Visible Degradation (0-2)	Rating
Acetone	Ketones	0	0	Good
Acetonitrile	Nitriles	0	0	Good
Aluminum Salts	Aluminum Compounds Hydroxylic	0	0	Good
Ammonium Hydroxide	Inorganic Base	0	0	Good
Barium Salts	Barium Compounds	0	0	Good
Benzyl Alcohol	Hydroxyl Compounds	0	0	Good
Bleach Solution	Inorganic Bases	0	0	Good
Boric Acid	Inorganic Acids	0	0	Good
Butanol	Hydroxyl Compounds	0	0	Good
Calcium Chlorite	Calcium Compounds	0	0	Good
Carbon Disulfide	Sulfur Compounds	0	0	Good
Carbon Tetrachloride	Halogen Compounds	0	0	Good
Chloroform	Halogen Compounds	0	0	Good
Cupric Chloride	Copper Compounds	0	0	Good
Cyclohexanone	Ketones	0	0	Good
Dichloromethane	Halogen Compounds	0	0	Good
Diethylamine	Amines	0	0	Good
Dimethylformamide	Amides	0	0	Good
Ethyl Acetate	Carboxylic Esters	0	0	Good
Formaldehyde	Aldehydes	0	0	Good
Gasoline	Aromatic Hydrocarbons	0	0	Good
Glycol Ether	Ethers	0	0	Good
Hexane	Aliphatic Hydrocarbons	0	0	Good

Chemical	Chemical Class	Swelling (0-2)	Visible Degradation (0-2)	Rating
Hydrochloric Acid (37%)	Inorganic Acids	0	0	Good *
Hydrogen Peroxide(30%)	Peroxides	0	0	Good
Hydrofluoric Acid (48%)	Inorganic Acids	0	0	Good *
Isopropanol	Hydroxylic Compounds	0	0	Good
Jet Fuel (JP-5)	Hydrocarbons	0	0	Good
Kerosene	Hydrocarbons	0	0	Good
Methanol	Hydroxylic Compounds	0	0	Good
Methyl Ethyl Ketone	Ketones	0	0	Good
Mineral Oil	Alicyclic Hydrocarbons	0	0	Good
Mineral Spirits	Hydrocarbon	0	0	Good
Naphtha	Hydrocarbons	0	0	Good
Nitric Acid (70%)	Inorganic Acids	0	0	Good *
Nitrobenzene	Nitro Compounds	0	0	Good
Perchloroethylene	Halogen Compounds	0	0	Good
Phenol	Hydroxylic Compounds (Phenols)	0	0	Good
Potassium Hydroxide 50%	Inorganic Bases	0	0	Good **
Propylene Glycol	Hydroxylic Compounds	0	0	Good
Sodium Hydroxide (20%)	Inorganic Bases	0	0	Good *
Sodium Hydroxide (30%)	Inorganic Bases	0	0	Good **
Sodium Hydroxide (40%)	Inorganic Bases	0	0	Good **
Sodium Hydroxide (50%)	Inorganic Bases	0	0	Good **
Styrene	Aromatic Organic	0	0	Good
Sulfuric Acid (50%)	Inorganic Acids	0	0	Good *
Sulfuric Acid (98%)	Inorganic Acids	0	0	Good **
Tetrachloroethylene	Halogen Compounds	0	0	Good
Tetrahydrofuran	Ethers	0	0	Good
Thionyl Chloride	Chloride Compounds	0	0	Good
Toluene	Aromatic Hydrocarbons	0	0	Good
1, 1, 1-Trichloroethane	Halogen Compounds	0	0	Good
Trichloroethylene	Halogen Compounds	0	0	Good
Triethylamine	Amines	0	0	Good
Turpentine	Hydrocarbons	0	0	Good
Water	Misc.	0	0	Good

KEY:

Swelling (Visually rated from 0-2): 0 = None, 1 = Slight, 2 = Significant

Degradation (Visually rated from 0-2): 0 = None, 1 = Slight, 2 = Significant

* Liquid may be slow to absorb

** Liquid may not absorb

RATINGS:

Good: No swelling, no degradation

Fair: Temperature increase and/or color change

NR (Not recommended): Significant degradation or swelling

**For additional assistance, please contact New Pig Technical Services
on 0800 919 900**

100% Money-Back Guarantee

Buy with confidence knowing that everything we sell is backed by our 12-month Money-Back Guarantee! If you're not 100% satisfied with a product, just call one of our Sales and Service Advisors and they'll arrange for a free return and pick-up at no cost to you. We'll refund all VAT, shipping costs and any other incidentals, so there are never any hassles — we'll even take care of all the paperwork!

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