

# Polyethylene Products Compatibility Chart

ACIDS	KEY
Acetic Acid 100%	N
Acetic Acid 50%	Y
Benzoic Acid	Y
Boric Acid Conc	Y
Boric Acid Dilute	Y
Butyric Acid	Y
Chromic Acid 50%	S
Citric Acid	Y
Hydrobromic Acid 50%	Y
Hydrochloric Acid	Y
Hydrofluoric Acid	Y
Maleic Acid 1%	Y
Nitric Acid <50%	Y
Oleic Acid All Conc	Y
Oxalic Acid All Conc	Y
Perchloric Acid 50%	Y
Phosphoric Acid All Conc	Y
Phthalic Acid	Y
Sulphuric Acid 98%	S
Tannic Acid	Y
Tartaric Acid	Y

BASES	KEY
Acid Salt	Y
Ammonia Aqueous	Y
Basic Salt	Y
Calcium Hydroxide	Y
Caustic Soda Sol.10%	Y
Neutral Salt	Y
Potassium Hydroxide	Y

VARIOUS SALTS	KEY
Potassium Bicarbonate	Y
Potassium Permanganate	Y
Sodium Cyanide	Y
Sodium Hypochlorite	Y

ORGANIC SUBSTANCES, SOLVENTS	KEY
Acetone	Y
Aniline 100%	S
Butyl Alcohol 100%	Y
Carbon Disulphide	N
Carbon Tetrachloride	N
Chlorobenzene	Y
Chloroform	N
Ethyl Acetate 100%	S
Ethyl Alcohol	Y
Ethyl Ether	N
Ethylene Dichloride	N
Heptane	Y
Methyl Alcohol 100%	Y
Methyl Ethyl Ketone	S
Nitrobenzene	S
Petroleum	Y
Phenol 90%	N
Toluene	S
Trichloroethylene	N

GASES	KEY
Carbon Dioxide	Y
Carbon Monoxide	Y
Hydrogen Sulphide	Y

## KEY:

- Y** = Product should be suitable for prolonged or repeated contact with these substances under specified conditions.
- S** = Products may be suitable for short term storage however, some deterioration in properties may occur. It is recommended that the user should perform qualification tests before and during use of the container.
- N** = Substances aggressively attack the product or have vapour pressures incompatible with containers.

This information is provided as a guide only. No claims or warranties are expressed or implied as to the absolute accuracy of the data supplied. In all cases it is assumed chemicals in question are at ambient temperatures and pressure and are used in basic state, not in combination or mixtures. Small test sampling by users is always recommended to ensure safe application.



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