



Chemical Resistance Recommendations

Ratings - Chemical Effect

A - Excellent

B - Good: Slight Effect, Discoloration, Swelling or Corrosion

C - Fair: Moderate Effect, Discoloration or Corrosion, not recommended for continuous use

D - Not Recommended: Not recommended for any use

Chemical	Concentration	Resin	304 SS	Polypropylene	Brass
Acetic Acid	30	HDLPE	A	B	D
Acetic Acid	50	HDLPE	A	B	D
Acetic Acid	80	HDLPE	D	A	D
Ammonium Sulfate	Saturated	HDLPE	B	A	D
Calcium Carbonate	Saturated	HDLPE	B	A	N/A
Calcium Chloride	Saturated	HDLPE	C	A	N/A
DEF (Diesel Exhaust Fluid)	32.5	HDLPE	A	A	D
Deionized Water	Saturated	HDLPE	A	A	A
Ethyl Alcohol (Ethanol)	Saturated	HDLPE	A	A	A
Ethylene Glycol	Saturated	HDLPE	B	A	B
Ferric Chloride	Saturated	HDLPE	D	A	D
Ferric Sulfate	Saturated	HDLPE	B	A	C
Ferrous Chloride	Saturated	HDLPE	D	A	D
Ferrous Sulfate	Saturated	HDLPE	B	A	B
Hydrochloric Acid	37	HDLPE	D	C	N/A
Hydrofluoric Acid	50	HDLPE	D	C	N/A
Hydrofluosilicic Acid	20	HDLPE	C	A	N/A
Hydrogen Peroxide	50	HDLPE	B	B	N/A
Isopropyl Alcohol	100	HDLPE	A	A	N/A
Magnesium Chloride	Saturated	HDLPE	B	B	N/A
Methyl Alcohol	100	HDLPE	A	A	A
Motor Oil	100	HDLPE	A	A	A
Phosphoric Acid	85	HDLPE	D	A	D
Phosphoric Acid	50	HDLPE	D	A	D
Potable Water	Saturated	HDLPE	A	A	A
Potassium Carbonate (Potash)	Saturated	HDLPE	B	A	N/A
Potassium Hydroxide	Saturated	HDLPE	B	A	D
Sodium Carbonate	Saturated	HDLPE	A	A	B
Sodium Hydroxide	50	HDLPE	B	A	D
Sodium Hypochlorite	<20	HDLPE	C	A	D
Sodium Thiosulfate	Saturated	HDLPE	A	A	D
Sulfuric Acid	98	HDLPE*	C	C	N/A
Urea Solution	Saturated	HDLPE	B	A	N/A
Water w/Ozone up to 10 PPM	Saturated	HDLPE	A	A	A

Note: Ambient Temperature.

Chart applies to Industrial ASTM designed tanks.

*Chemical may cause tank material to discolor.

High purity chemical applications are limited to natural tank color or special hot compounded resins. For chemicals or chemical blends not listed on the above chart, please contact Rhino Tuff Tanks.

WARNING:

The table is to be used as a general guide only. Rhino Tuff Tanks is not responsible for the accuracy of this data and assumes no obligation of liability in connection with its use.