CHEMICAL RESISTANCE CHART

The compatibility of Thordon and ThorPlas® to the following chemical fluids is a general rating based on the effect of the chemical at room temperature. For more information, please contact Thordon Bearings Inc.

Chemical/Fluid	Thordon Elastomers	ThorPlas®
Salt solutions	A	A
Sodium chloride	A	A
Weak acids	B-D	A-B
Acetic acid	D	B
Lactic acid	B	A
Strong acids	B-D	A-C
Sulphuric, 5%	B-C	A
Sulphuric, concentrated	D	C
Hydrochloric, 10%	B	C
Weak bases	A-B	A-B
Ammonia 10% Aq.	A	A
Sodium carbonate	B	A
Triethanolamine	B-D	B
Strong bases	B	C-D
Sodium hydroxide, 10%	B	C
Oxidizing agents	B-C	A
Hydrogen peroxide, 1-3%	B	A
Chromic acid	C	A

Chemical/Fluid	Thordon Elastomers	ThorPlas®
Hydrocarbon/fuels	A-B	A
Aromatic – benzene, toluene	B	A
Aliphatic – gasoline, grease	A-B	A
Lubricating oils (petroleum)	B	A
Chlorinated solvents	D	C-D
Alcohols	D	A
Ethanol	D	A
Methanol	D	A
Ketones	D	A-B
Methyl ether ketone	D	A
Acetone	D	B
Ethers	D	A
Diethyl ether	D	A
Esters	D	A
Ethyl acetate	D	A
Methyl acetate	D	A
Freon 12	A-C	A
Vegetable Oils	A-B	A

A: Excellent-No Affect; B: Good-Little Affect; C: Fair-Moderate Affect; D: Unacceptable