Corrosion Resistance Guide

This guide is intended to be used only as a reference in evaluating fiberglass pipe. It should be used for general indication of chemical resistance. It does not take in account chemical mixtures, thermal-mechanical or associated loading or stress combinations.

The maximum recommended temperatures in this table are for F.A.C.T. Fiberglass Pipe products and are based on currently available data taken from lab tests, field application or raw material suppliers. Although we believe this data will provide guidance when selecting fiberglass pipe, F.A.C.T does not warrant the accuracy of the data presented. It is the user's responsibility to determine the suitability and completeness of use of this data for his or her particular application. Also, it is the end user's responsibility to test any chemical that may be used with FACT products. We believe the information contained is accurate and reliable, but not to be construed to constitute or extend any representation or warranty.

Chemical Environment	Maximum Recommended Temperature	
	°F	°C
Acetic Acid, 20%	125	52
Benzene, 100%	125	52
Carbon Dioxide, dry	200	93
Carbon Dioxide, wet	200	93
Citric Acid, 25%	200	93
Crude Oil, sweet and sour	250	121
Diesel Fuel	250	121
Ethanol, 100%	150	66
Ethylene Glycol, all	250	121
Fuel Oil	250	121
Gasoline, all types 100%	250	121
Heptanes	150	66
Hydrochloric Acid, 3%	200	93
Hydrochloric Acid, 10%	125	52
Hydrofluoric Acid	NR	NR
Hydrogen Sulfide, dry	200	93
Hydrogen Sulfide, wet 100%	200	93
Isopropyl Alcohol, 10%	200	93
Jet Fuels	200	93
Kerosene	250	121
Methane	250	121
Methanol, 20%	175	80
Methylene Chloride, 0%	NR	NR
Mineral Spirits	200	93
Mud Acid, 5% (Max 8 hrs.)	150	66
Naphtha	250	121
Natural Gas	200	93
Sodium Hydroxide, 5-50%	NR	NR
Sulfuric Acid, 3%	200	93
Sulfuric Acid, 10%	NR	NR
Toluene	150	66
Triethanolamine, 100%	150	66
Water, Chlorinated, 100 ppm	200	93
Water, Demineralized	200	93
Water Distilled	200	93
Water, Brine	200	93
Water. Hard	200	93
Water, Salt	200	93
Xylene	200	93

NR= Not Recommended

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