

CHEMICAL RESISTANCE CHART

CHEMICALS	CONCENTRATION	BLACKDIAMOND®/ SLS-30™/ DIAMONDWRAP® STANDARD/ DIAMONDWRAP® SUBSEA™	DIAMONDWRAP® UHT™	DIAMONDWRAP® HTA™/HT701™	DIAMONDWRAP® ACID	DIAMAPRO™/ DIAMACORR™
Acetic Acid	10%	Excellent	Excellent	Excellent	Poor	Excellent
Acetic Acid	30%	Poor	Excellent	Good	Excellent	Poor
Ammonia	100%	Poor			Excellent	Poor
Ammonium Nitrate @ 77°C (170°F)		Poor	Excellent	Excellent	Excellent	Poor
Ammonium Nitrate@ 138°C (280°F)		NA	Excellent	Excellent	NA	NA
Bacteria		Excellent	Excellent	Excellent	Excellent	Excellent
Buteric Acid		Poor			Excellent	Poor
Butyl Cellusolve		Poor	Excellent	Excellent	Good	Poor
Carbon Dioxide gas		Excellent	Excellent	Excellent	Excellent	Excellent
Detergent		Excellent	Excellent	Excellent	Excellent	Excellent
Ethanol		Good	Excellent	Excellent	Excellent	Good
Gasoline		Excellent	Excellent	Excellent	Excellent	Excellent
Hydraulic Fluids		Excellent	Excellent	Excellent	Excellent	Excellent
Hydrochloric Acid	10%	Excellent	Excellent	Excellent	Excellent	Excellent
Hydrochloric Acid	20%	Good	Excellent	Good	Excellent	Good
Hydrochloric Acid	36%	Poor	Excellent	Good	Excellent	Poor
Hydrogen gas		Excellent	Excellent	Excellent	Excellent	Excellent
JP-4		Excellent	Excellent	Excellent	Excellent	Excellent
Lactic Acid	10%	Excellent	Excellent	Excellent	Excellent	Excellent
MEK		Poor	Poor	Poor	Poor	Poor
Methanol		Poor	Poor	Poor	Poor	Poor
Methylene Chloride		Poor	Poor	Poor	Poor	Poor
Nitric Acid at 27°C (80°F)	5%	Excellent	Excellent	Excellent	Excellent	Excellent
Nitric Acid at 27°C (80°F)	10%	Excellent	Excellent	Excellent	Good	Excellent
Nitric Acid at 27°C (80°F)	20%	Excellent	Excellent	Excellent	Poor	Excellent
Nitrogen gas		Excellent	Excellent	Excellent	Excellent	Excellent
Oxygen gas		Excellent	Excellent	Excellent	Excellent	Excellent
Phosphoric Acid	10%		Excellent	Good	Excellent	
Sodium Hydroxide	50%	Excellent	Excellent	Excellent	Excellent	Excellent
Sulfuric Acid	10%	Excellent	Excellent	Excellent	Excellent	Excellent
Sulfuric Acid	50%	Excellent	Excellent	Excellent	Good	Excellent
Sulfuric Acid	98%	Poor	Excellent	Good	Good	Poor
Toluene		Good	Excellent	Excellent	Excellent	Good
1, 1, 1 Trichloroethane		Excellent	Excellent	Excellent	Excellent	Excellent
Uninhibited Ammonium Nitrate @77°C (170°F)		Excellent	Excellent	Excellent	Poor	Excellent
Water		Excellent	Excellent	Excellent	Excellent	Excellent
Xylene		Excellent	Excellent	Excellent	Excellent	Excellent

NOTE: THIS CHART IS PROVIDED AS A GENERAL REFERENCE GUIDE RELATING TO CHEMICAL RESISTANCE CHARACTERISTICS. IT IS BASED ON AMBIENT TEMPERATURE. CHARACTERISTICS WILL VARY WITH INCREASED TEMPERATURE, PRESSURE AND PERCENT OF CONCENTRATIONS OF THE CHEMICAL IDENTIFIED.