

# NEOTHANE | MAGNASEAL

## MAGNASEAL Products - Chemical Resistivity Testing Data Summary

Chemical Tested	Permeation Time (minutes)	Penetration (Yes/No)	Discoloration (Yes/No)	Deformation (Yes/No)	Degradation (Yes/No)
Acetic Acid, glacial, 100%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Acetone, 99.8%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Acetonitrile, 99.0%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Ammonium Hydroxide, 30%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Aniline, >99%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Calcium Hypochlorite, 10%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Carbon DiSulfide, 99%	> 480	No = Pass	No = Pass	Yes = Pass	Yes = Pass
Chlorobenzene, >99.5%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Dichloromethane, 99.6%	> 480	No = Pass	No = Pass	Yes = Pass	Yes = Pass
Diesel Fuel	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Diethylamine, >99.5%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Dimethylformamide, >99%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Ethyl Acetate, >99.8%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Formaldehyde, 37%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Gasoline (unleaded)	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Hexane, >95%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Hydrochloric Acid, 32%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Hydrogen Peroxide, 15%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Methanol, 100%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Nitric Acid, 70%	Test stopped at 300 minutes & reported Inconclusive	No	Yes However, must use Teflon gasket	Yes However, must use Teflon gasket	Yes However, must use Teflon gasket
Nitrobenzene, 99%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Phenol, 90%	> 480	No = Pass	No = Pass	Yes = Pass	Yes = Pass
Phosphoric Acid, 85%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Sodium Hydroxide, 50%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Sulfuric Acid, 96%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Tetrahydrofuran, 99%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Toluene, >99.5%	> 480	No = Pass	No = Pass	No = Pass	No = Pass

Bright Green = No Adverse Reaction

Yellow = Indicates Moderate Deformation or Degradation