

## CHEMICKÁ ODOLNOST URETHANU

REX® OMEGA™

### pH odolnost Urethanu

Aplikace PH: Nepřetržitě 4 – 10

Postřik 2 - 4, 10 - 12

Nepoužívejte méně než 2, větší než 12

### Odolnost urethanu proti chemikáliím, olejům a rozpouštědlům

Vzorky obou polyether a polyester urethanes byly ponořeny sedm dní v 75°F (24°C).

Hodnocení je stanoveno na velikosti změn dle následujícího klíče:

1 = Vynikající (0 - 3%)

2 = Dobrý (4 - 15%)

3 = Ucházející (16 - 35%)

4 = Špatný (36% a více)

Chemical	Ether	Ester	Chemical	Ether	Ester
Acetaldehyde	4	4	Calcium Nitrate	2	2
Acetic Acid	4-3	4-3	Calcium Sulfate	2	2
Acetic Anhydride	4	4	Carbon Dioxide	1	1
Acetone	4	4	Carbon Disulfide	2-3	2-3
Acetyl Bromide	3-4	4	Carbon Monoxide	1	1
Acetyl Chloride	3-4	4	Carbon Tetrachloride	3	4
Acetylene	2-3	3	Castor Oil	1-2	2
Adipic Acid	1	2	Chlorine	2-3	2-3
Aluminum Chloride	2	2	Chloroacetic Acid	3-4	4
Aluminum Sulfate	2	2	Chloroform	4	4
Aluminum Sulfide	2	2	Chromic Acid	3-4	4
Ammonia	2	2-3	Chromium Potassium Sulfate	2	2
Ammonium Acetate	3-4	3-4	Citric Acid	2	2
Ammonium Carbonate	2	2	Cottonseed Oil	1	2
Ammonium Hydroxide	1-2	2	Cresol (meta)	4	4
Ammonium Nitrate	2	2-3	Cupric Chloride	1	2
Ammonium Persulfate	2	2	Cupric Nitrate	2	2
Ammonium Sulfate	2	2	Cupric Sulphate	2	2
Ammonium Sulfide	2	2	Cyclohexanone	4	4
Ammonium Thiocyanide	2	2	Cyclohexane	2	2
Amyl Acetate	4	4	Dibutyl Phthalate	3-4	4
Amyl Alcohol	3	3-4	Dibutyl Ether	2	2
Amyl Chloride	3	3	Dichlorobenzene (Ortho)	3	3
Aniline	4	4	Dodecyl mercaptan	2-3	2
Aniline Hydrochloride	4	4	Diester Oil	2	2
Animal Fats & Oils	2-3	2-3	Dimethyl Acetamide	4	4
Antimony Salts	2	2	Dimethyl Formamide	4	4
Aqua Regia	4	4	DTE Oil (heavy, medium)	2	2-3
Arsenic Salts	2-1	2	Ether	2-3	2-3
ASTM Oil #1	1-2	1	Ethyl Acetate	4	4
ASTM Oil #2	2	1	Ethyl Alcohol (Etnanol)	3	2-3
ASTM Oil #3	2	1	Ethyl Bromide	3	3-4
ASTM Reference Fuel A	1	1-2	Ethyl Chloride	3	3-4
ASTM Reference Fuel B	2	2	Ethylene Glycol	2	2-3
Atlantic Oil	1	1-2	Esso #90 Lub. Oil	1	2
Barium Carbonate	2	2	Ferric Chloride	2	2
Barium Hydroxide	1	2	Ferric Nitrate	2	2
Benzaldehyde	3-2	4	Ferrous Chloride	2	2
Benzene	4	4	Ferrous Sulfate	2	2
Benzene (Gasoline, Aromatic)	2-3	3	Formaldehyde	3	2
Benzoic Acid	2-3	3-4	Formic Acid	3-4	4
Boric Acid	1	2	Freon, 12 or 113	1	2
Bromine	2-3	2-3	Fuel Oil	2	2
Bunker Oil	1-2	2	Gasoline	2	2-3
Butane	1	2-3	Glycerine (Glycerol)	1	2
Butyl Alcohol	2	3	Glycolic Acid	2	2-3
Calcium Carbonate	2	2	Greases	1-2	2
Calcium Chloride	1	2	Heptane	1	2
Calcium Hydroxide	1	2	Hexane	1	2

Chemical	Ether	Ester
Hydraxine	4	4
Hydrobromic Acid	2	2
Hydrocarbon Oil	1	2
Hydrochloric Acid, 20%	2	2-3
Hydrofluoric Acid	2-3	3
Hydrogen	1-2	2
Hydrogen Peroxide	2	2
Hydrogen Sulfide	3-4	4
Hydroiodic Acid	2	2
Iodine Solution	1	2
Isooctane 2 2		
Isopropyl Alcohol (Isopropanol)	2-3	4
Isopropyl Ether	2	2-3
JP-4 Oil	2-3	3
JP-5 & 6	4	4
Kerosene	2	2-3
Lactic Acid	2	2-3
Lead Acetate	2	2
Linseed Oil	2	2-3
Lubricating Oil	2	2-3
Magnesium Hydroxide	1	1-2
Magnesium Salts	2	2
Malaic Acid	3-4	4
Mercury	1-2	2
Methyl Alcohol (methanol)	4	3
Methyl Ethyl Ketone	4	4
Methylene Chloride	4	4
MIL-D-5606 Oil	3	3-4
MIL-L-7808	1-2	2-3
Mineral Oil	1	1
Mobil Artic Oil	1	2
Naphthalene	2	2-3
Natural Gas	2	2
Nickel Salts	3	3-4
Nitric Acid	4	4
Nitrobenzene	4	4
Nitrogen	1	1
Oleic Acid	1-2	2
Oxalic Acid (5%)	1	1-2
Oxygen	1	1
Ozone	1	1
Palmitic Acid	1	2
Paints	1-2	2
Perchloric Acid	4	4
Perchloroethylene	3-4	4
Petroleum	1-2	2
Phenol (carbolic acid)	4	4
Phosphoric Acid (dil.)	2-3	3
Phosphoric Acid (conc.)	3	4
Potassium Cyanide	1	2
Potassium Salts	2	2
Propane	2	2
Propyl Alcohol	2-3	3

Chemical	Ether	Ester
Propylene Glycol	2	2
Pydraul Oil	4	4
SAE #10 Oil	1	1
Seawater	1-2	2
Silicic Acid	2-1	2
Skydrol Oil (500)	4	3
Silver Nitrate	2	2
Soap	2-3	2-3
Sodium Acetate	1-2	2
Sodium Bicarbonate	2	2
Sodium Bisulfate	2	2
Sodium Borate	2	2
Sodium Carbonat	2	2
Sodium Chlorate	2	2
Sodium Chloride	2	2
Sodium Cyanide	2	2
Sodium Dichromate	2	2
Sodium Ferrocyanide	2	2
Sodium Fluoride	2	2-3
Sodium Hydrosulfite	2	2
Sodium Hydroxide, 45%	2	2
Sodium Nitrate	2	2
Sodium Silicate	1-2	2
Sodium Sulfate	2	2
Sodium Sulfide	2	2
Sodium Hypochlorite 5%	4	4
Sperry Oil	2	2-3
Steam	4	4
Stoddard Solvent	1	2
Styrene	2	2
Sulfur Dioxide	2	2-3
Sulfuric Acid, 10%-50%	3-4	4
Tannic Acid, 10%	1	2
Tartaric Acid	1	2-3
Tin Salts	2	2
Titanium Salts	2	2
Toluene	4	4
Transformer Oil	2-3	3
Trichloroacetic Acid	4	4
Trichloroethylene	4	4
Tricresyl Phosphate	3-4	4
Triethanol Amine	2	2
Trisodium Phosphate	2	2
Turpentine	3	2
Urea	2	2
Varnish	2	2-3
Vegetable Oil	1	2
Water	2	2
Xylene	3	3-4
Xylol	3-4	4
Zinc Chloride	2	2
Zinc Sulfate	2	2