Specialist Geomembranes

ChemicaL Resistance

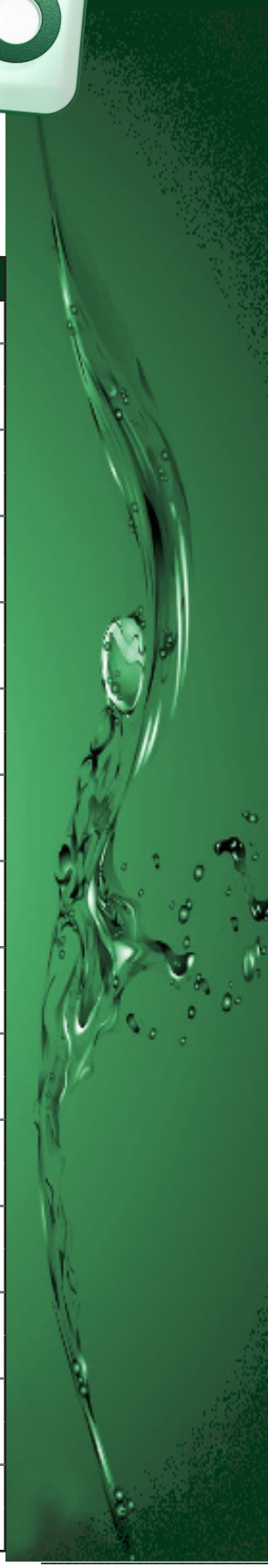
Landflex PP100, RPP100

A = Recommended **B = Some minor to moderate effect**

ND = No Data. Likely to have a minor effect

All properties are at room temperature.
Performance at elevated temperatures may be significantly different for some chemicals.

Chemical		Chemical		Chemical	
Acetic Acid 50%	A	Acetic Acid Glacial	A	Acetic Anhydride	ND
Acetone	A	Alkyl Alcohol	ND	Aluminium Chloride	ND
Aluminium Fluoride	ND	Aluminium Sulphate	ND	Ammonia	A
Ammonia Carbonate	ND	Ammonium Chloride	ND	Ammonium FLuoride 20%	ND
Ammonium Hydroxide 30%	A	Ammonium Nitrate	A	Ammonium Phosphate	ND
Ammonium Sulphate	ND	Ammonium Sulphide	ND	Amyl Chloride	A
Aniline	A	Animal Oil	A	Antorx 10%	A
Antimony Chloride	A	ASTM Oil #1	A	ASTM Oil #2	A
ASTM Oil #3	A	Asphalt	A		
Barium carbonate	ND	Barium Hydroxide	ND	Barium Sulphate	ND
Beer	A	Benzoic Acid	ND	Bismuth Carbonate	ND
Borax Solution	ND	Boric Acid 10%	ND	Bromic Acid	ND
Butanol (butylalcohol)	A	Butyl Acetate	ND	Butyl Phenol	ND
Butyric Acid	ND				
Calcium Bisulphate	ND	Calcium Carbonate	A	Calcium Chloride	ND
Calcium Hydroxide 20%	ND	Calcium Hypochlorite	ND	Calcium Nitrate 50%	ND
Calcium Sulphate	ND	Castor Oil	ND	Chrome Aluminium	ND
Citric Acid	A	Copper Chloride	ND	Copper Nitrate	ND
Copper Sulphate	ND	Corn Oil	ND	Cottonseed Oil	ND
Crude Oil	A	Cyclohexane	A	Cyclohexanol	ND
Cyclohexanone	A				
Dextrine	ND	Dibutyl Phthalate	A	Diesel Fuel	B
Diethyl Ether	A	Diethyl Sebacate	A	Disodium Phosphate	ND
Epichlorohydrine	B	Ethanol (ethylalcohol)	A	Ethyl Acetate	A
Ethylene Dichloride	ND	Ethylene Glycol	A	Ethylene Oxide	ND
Ferric Chloride	ND	Ferrci Nitrate	ND	Ferrous Chloride	ND
Ferrous Sulphate	ND	Fluosilic Acid	ND	Formaldehyde 40%	A
Formic Acid	A				
Gelatin	A	Glucose	A	Glycerine	A



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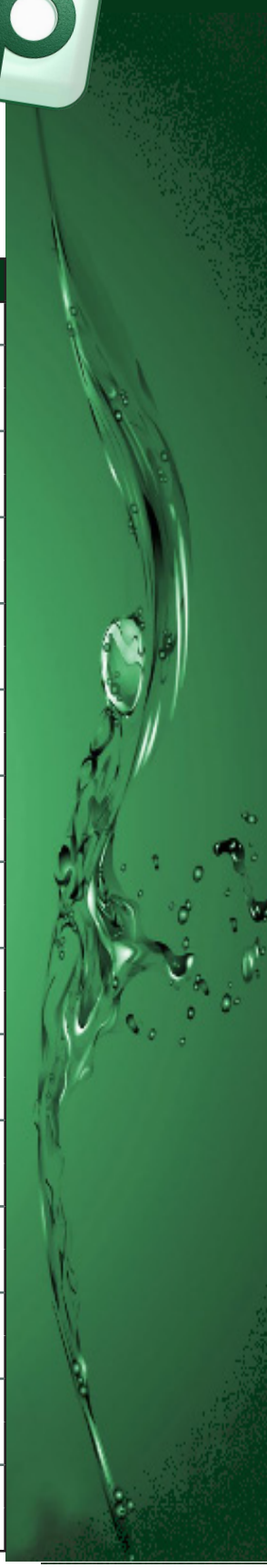
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Chemical		Chemical		Chemical	
Hydraulic Fluid	A	Hydrazine	A	Hydrobromic Acid	A
Hydrochloric Acid 20%	A	Hydrcyanic Acid	ND	Hydrofluoric Acid 75%	A
Hydrofluosilic Acid 30%	A	Hydrogen Chloride Gas (Dry)	A	Hydrogen Gas	A
Hydrogen Peroxide 3%	A	Hydrogen Peroxide 10%	ND	Hydrogen Sulphide	ND
Iso-Octane	A	Isopropyl Alcohol	A		
Lactic Acid	ND	Latex	A	Lead Acetate	ND
Linseed Oil	A	LPG (Propane)	A	Lubricating Oils	A
Magnesium Carbonate	ND	Magnesium Chloride	ND	Magnesium Hydroxide	A
Magnesium Nitrate	ND	Magnesium Sulphate	ND	Malic Acid	ND
Mthyl Ethyl Ketone	A	Mercuric Chloride	ND	Methanol (Methylalcohol)	A
Milk & Milk byproducts	A	Mineral Oil	A		
Nitric Acid 50%	A				
Oleic Acid	ND	Olive OIl	A	Oxalic Acid	A
Palmitic Acid	ND	Petrol Euro 95	A	Phenol	ND
Phenol Formaldehyde	ND	Phosphoric Acid 75%	A	Phosphorous Yellow	ND
Phosphorous Pentoxide	ND	Phthalate Plasticiser	A	Pickling Solutions	A
Potassium Bicarbonate	ND	Potassium Carbonate	ND	Potassium Chloride 25%	A
Potassium Chromate 40%	ND	Potassium Cyanide	ND	Potassium Dichromate	ND
Potassium Hydroxide 25%	A	Potassium Nitrate	ND	Potassium perchlorate 10%	ND
Potassium Permanganate	ND	Potassium Sulphate	ND	Propanol (Propylalcohol)	A
Resorcinol	A				
Salt Water	A	Silicon Grease	ND	Silver Nitrate	ND
Skydrol Hydraulic Fluid	A	Soap Solutions	A	Sodium Acetate	ND
Sodium Bicarbonate	ND	Sodium Bisulphate	ND	Sodium Borate	ND
Sodium Carbonate	ND	Sodium Chlorate	ND	Sodium Chloride 25%	A
Sodium Dichromate 100%	ND	Sodium Ferrocyanide	ND	Sodium FLuoride	ND
Sodium Hydroxide 25%	A	Sodium Hydroxide 60%	ND	Sodium Hypochlorite 1ppm	A
Sodium Nitrate 25%	A	Sodium Phosphate	A	Sodium Sulphate	A
Soybean Oil	A	Stannous Chloride	ND	Stearic Acid	ND



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Chemical Resistance

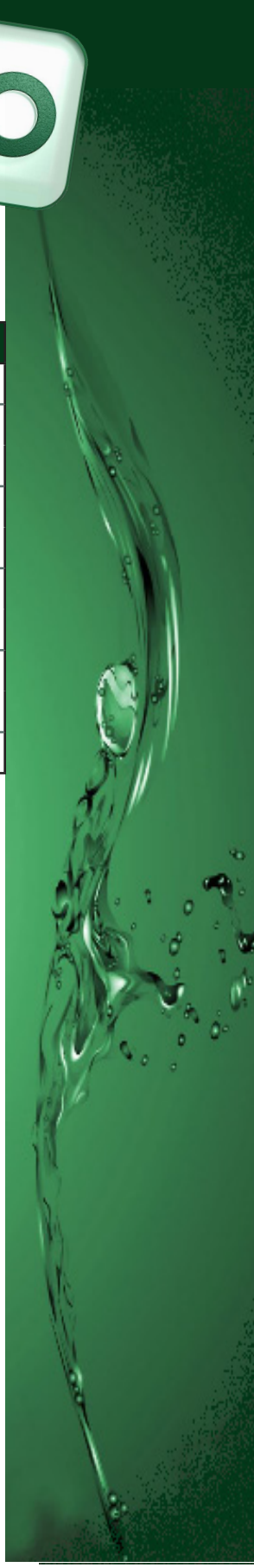
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Chemical		Chemical		Chemical	
Sulphuric Acid 40%	A	Sugar	A	Syrups	A
Tannic Acid	ND	Tartaric Acid	ND	Tetrahydrofuran	A
Toluene 1%	A	Trichloride Ethane	B	Triethanolamine	A
Trisodium Phosphate	ND	Tung Oil	ND	Turpentine	A
Urea	A	Urine	A		
Vegetable Oil	A	Vinegar	A		
Water	A	Whiskey	A	Wine	A
Wood Pulp	A				
Xylene 1%	ND				
Zinc Chloride	ND	Zinc oxide	ND	Zinc Sulphate	A



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