Specialist Geomembranes

ChemicaL Resistance

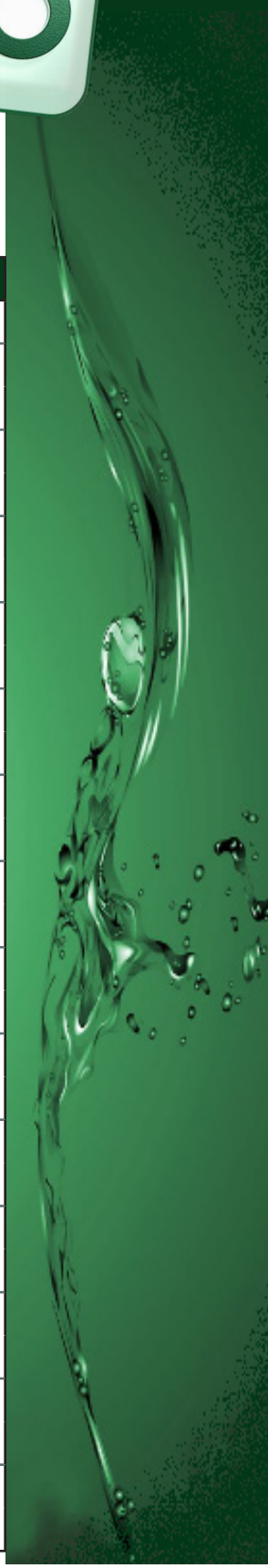
Landflex 90

A = Little to minor effect **X = Not Recommended**

B = Some minor to moderate effect **ND = No Available Data**

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

Chemical		Chemical		Chemical	
AFF	ND	Ammonium Phosphate	A	Aqua Regia	X
Acetic Acid 5%	A	Ammonium Sulphate	A	ASTM Fuel A	A
Acetic Acid 50%	B	Antifreeze (Ethylene Glycol)	A	ASTM Fuel B	A
Ammonium Hydroxide	A	Animal Oil	A	ASTM Fuel C	A
Barium Carbonate	ND	Barium Hydroxide	ND	Barium Sulphate	ND
Benzene 25%	X	Benzene 100%	7 Days	Benzoic Acid	ND
Bismuth Carbonate	ND	Borax Solutions	ND	Boric Acid 10%	ND
Butanol (Butylalcohol)	ND				
Calcium Bisulphate	ND	Calcium Carbonate	ND	Calcium Chloride Solution	A
Calcium Hydroxide	A	Calcium Hypochlorite	ND	Calcium Nitrate 50%	ND
Calcium Sulphate	A	Carbonic Acid	ND	Castor Oil	ND
Chrome Aluminium	ND	Citric Acid	ND	Copper Chloride	ND
Copper Nitrate	ND	Copper Sulphate	ND	Corn Oil	A
Cottonseed Oil	ND	Crude Oil	A	Cyclohexane	ND
Cyclohexanol	ND	Chlorine Solution 20%	A		
Dextrine	ND	Diesel Fuel	A	Disodium Phosphate	ND
Ethanol (Ethylalcohol)	A	Ethylene Alcohol	A	Ethylene Oxide	ND
Ethyl Acetate	X				
Ferric Chloride	ND	Ferric Nitrate	ND	Ferrous Chloride	ND
Ferrous Sulphate	ND	Fluosilic Acid 30%	A	Formaldehyde 40%	ND
Fertiliser Solution	A	Fuel Oil #2	A	Fuel Oil #6	A
Furfural	X				
Gasoline	A	Glucose	ND	Glycerine	A
Hexane	A	Hydrocyanic Acid	ND	Hydrogen Gas	ND
Hydrogen Peroxide 3%	ND	Hydrogen Peroxide 10%	ND	Hydrogen Sulphide	ND
Hydroquinone	ND	Hydraulic Fluid (Ester)	X	Hydrochloric Acid 30%	A
Hydrofluoric Acid 3%	A	Hydrofluoric Acid 50%	A		
ISO-Octane	A	Isopropyl Alcohol	A	Ivory Soap	A
JP-4 Jet Fuel	A	JET A	A	JET B	ND



Butyl Products Ltd.
Lingfield House, 11 Radford Crescent, Billericay,
Essex, CM12 0DW, United Kingdom.
T: +44 (0) 1277 653 281
E: enquiries@butylproducts.co.uk W: butylproducts.co.uk
E: enquiries@butek-landline.co.uk W: butek-landline.co.uk

Butek Landline
Containment Solutions

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Chemical Resistance

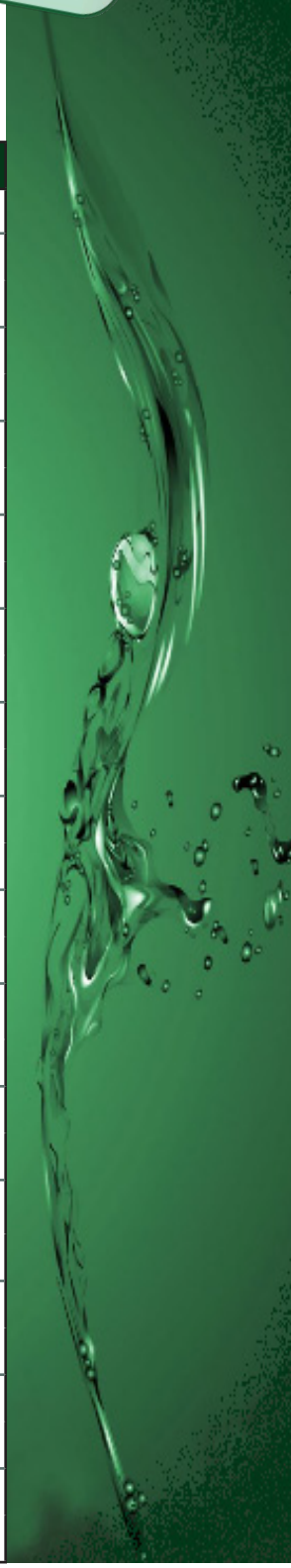
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Chemical		Chemical		Chemical	
JP-5 Jet Fuel	A	JP-8 Jet Fuel	A		
Kerosene	A				
Lead Acetate	ND	Linseed Oil	ND	Lubricating Oils	ND
Magnesium Carbonate	ND	Magnesium Chloride	A	Magnesium Hydroxide	A
Magnesium Nitrate	ND	Magnesium Sulphate	ND	Malic Acid	ND
Mercuric Chloride	ND	Mineral Oil	ND	Methanol	A
Methyl Alcohol	A	Methyl Ethyl Ketone	X	Mineral Spirits	A
Naptha	A	Nitric Acid 5%	A	Nitric Acid 50%	B
Oleic Acid	ND	Oxalic Acid	ND		
Palmitic Acid	ND	Perchlorethylene 1%	ND	Phenol	X
Phenol Formaldehyde	B	Phosphoric Acid 50%	A	Phosphoric Acid 100%	B
Potassium Chloride	A	Potassium Bicarbonate	ND	Potassium Carbonate	ND
Potassium Chromate 40%	ND	Potassium Cyanide	ND	Potassium Dichromate	ND
Potassium Hydroxide 25%	ND	Potassium Nitrate	ND	Potassium Perchlorate 10%	ND
Potassium Permanganate	ND	Potassium Sulphate	A	SAE-30 Motor Oil	A
Salt Water 25%	A	Sea Water	A	Silicon Grease	ND
Silver Nitrate	ND	Soap Solutions	ND	Sodium Acetate Solution	A
Sodium Bicarbonate	ND	Sodium Bisulphate	ND	Sodium Borate	ND
Sodium Carbonate	ND	Sodium Chlorate	ND	Sodium Phosphate	A
Sodium Chloride 25%	ND	Sodium Dichromate 100%	ND	Sodium Bisulfite	A
Sodium Ferrocyanide	ND	Sodium Fluoride	ND	Sodium Hydroxide 25%	ND
Sodium Hydroxide 60%	ND	Sodium Nitrate 25%	A	Sodium Sulphate	ND
Soybean Oil	ND	Stearic Acid	A	Sugar	ND
Sulphuric Acid 50%	B	Tannic Acid 50%	A	Tartaric Acid	ND
Toluene 25%	X	Transformer Oil	A	Trichloride Ethane	ND
Triethanolamine	ND	Trisodium Phosphate	ND	Tung OIl	ND
Turpentine	B	UAN	ND	Urea	B
Urea Formaldehyde	A	Vegetable Oil	A	Water 200°F	A
Xylene	X	Zinc Chloride	A	Zinc Oxide	ND



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