

Specialist Geomembranes



Chemical Resistance

Landflex EP75, EP100, EP150WA, REP125

A = Recommended

B = Some minor to moderate effect

All properties are at room temperature.

Performance at elevated temperatures may be significantly different for some chemicals.

Chemical		Chemical		Chemical	
Acetaldehyde	B	Acetic Acid 10-25%	A	Acetic Acid 25-100%	B
Acetic Anhydride	A	Acetic Acid Glacial	B	Acetylacetone	B
Acetone	A	Acetonitrile	A	Acrylic Acid	A
Acrylonitrile	B	Acrolein	B	Adipinic Acid	A
Aluminium Acetate	A	Aluminium Chlorate	A	Aluminium Chloride	A
Aluminium Fluoride	A	Aluminium Hydroxide	A	Aluminium Nitrate	A
Aluminium Oxide Hydrate	A	Aluminium Phosphate	A	Aluminium Sulphate	A
Ammonia Anhydrous	A	Ammonium Carbonate	A	Ammonium Chloride	A
Ammonium Fluoride	A	Ammonium Hydroxide	A	Ammonium Nitrate	A
Ammonium Othophosphate	A	Ammonium Oxalate	A	Ammonium Sulfate	A
Ammonium Thiocyanate	A	Amylacetate	A	Amylalcohol	A
Aniline	A	Animal Oil	A	Antimony Chloride	A
Antimony Pentasulphide	A	Antimony Trisulphide	A	Argon	A
Arsenic Acid	A	Arsenic Tri-Oxide	A	Arsenic Tri-Sulfide	A
Barium Chloride	A	Barium Hydroxide	A	Barium Oxide	A
Barium Peroxide	A	Barium Sulfate	A	Barium Sulfide	A
Beer	A	Benzaldehyde	A	Benzene Sulfonic Acid <10%	A
Benzoic Acid	A	Benzylalcohol	B	Benzyl Benzoate	A
Bismuth Carbonate	A	Bisulphate Solution	A	Bitumen	A
Borax Solution	A	Boric Acid	A	Bromic Acid	A
Butanol	A	Butanon M.E.K	A	Buttermilk	B
Butylacetate	B	Butylalcohol	A	Butylaldehyde	B
Butylbenzoat	A	Butylglycol	A	Butyric Acid	B
Butyraldehyde	B				
Cadmium	A	Cadmium Sulfate	A	Calcium Carbonate	A
Calcium Chloride	A	Calcium Cyanide	A	Calcium Hydroxide	A
Calcium Sulfate	A	Calcium Sulfide	A	Calcium Bisulfide	A
Calcium oxide	A	Capronic Acid	A	Caprolactam 20-100%	A
Carbamide	A	Carbitol	A	Carbolic Oil	B



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

Chem.Res. 2 Rev.B

Specialist Geomembranes



Chemical Resistance

Landflex EP75, EP100, EP150WA, REP125

A = Recommended

B = Some minor to moderate effect

All properties are at room temperature.

Performance at elevated temperatures may be significantly different for some chemicals.

Chemical		Chemical		Chemical	
Carbon Dioxide	A	Carbon Monoxide	A	Castor Oil	B
Cellulose Acetate	A	Cement	A	Chlorine (Dry)	A
Chlorine (Wet)	B	Chlorine Dioxide	A	Chloroacetic Acid	A
Chromium Sulfate	A	Chromium Tri-Oxide	A	Citric Acid	A
Copper Chloride	A	Copper Cyanide	A	Copper Hydroxide	A
Copper Nitrate	A	Copper Sulfate	A	Cottonseed Oil 20°C	A
Cottonseed Oil 100°C	B	Cream Butter	A	Cresol	B
Cyanic Acid	A				
Dextrose	A	Diacetone Alcohol	A	Dibenzylether	A
Dibutylphthalate	A	Dichloromethane	B	Diethanolamine	A
Diethylene Glycol	A	Diethylketon	A	Diethysebacate	B
Dimethylaniline	A	Dimethylformamide	B	Di-n-butylsebacate	A
Diocetylphthalate	B	Dioxane	A	Dipropylene Glycol	A
Epichlorohydrin	B	Ethanolamine	A	Ethylacetate	A
Ethyacrylate	A	Ethylalcohol	A	Ethylchloride	B
Ethylene Diamine	B	Ethylene Glycol	A	Ethylene Glycoldiacetate	A
Ethyl Hexanol	A	Ethylene Oxide	A		
Fatty Acids	B	Fatty Alcohols	A	Ferric Chloride	A
Fluoboric Acid 65%	A	Fluosilicic Acid <50%	A	Formaldehyde	A
Formaline	A	Formic Acid <50%	A	Furufrol	A
Gallic Acid	B	Gelatin	A	Glucose	A
Glutamic Acid	A	Glycerol (Glycerin)	A	Glycergol Monostearate	B
Glycol	A				
Helium	A	Hexaldehyde	B	Hexanol	B
Hexylamine	B	Hydrazine	A	Hydrazine Hydrate	A
Hydrobromic Acid	A	Hydrochloric Acid	A	Hydrocyanic Acid	A
Hydrogen	A	Hydrogen Peroxide <30%	A	Hydrogen Peroxide >30%	B
Hyfrogen Sulfide (Wet & Dry)	A				
Iodine	B	Iron Chloride	A	Iron Sulfate	A



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

Chem.Res. 2 Rev.B

Specialist Geomembranes



Chemical Resistance

Landflex EP75, EP100, EP150WA, REP125

A = Recommended

B = Some minor to moderate effect

All properties are at room temperature.

Performance at elevated temperatures may be significantly different for some chemicals.

Chemical		Chemical		Chemical	
Iso Butyl Methylketon	A	Isopropyl Acetate	A	Isopropyl Alcohol	A
Lactic Acid (Mild Acid)	A	Lanolin	B	Lauryl Alcohol	B
Lead Acetate	A	Lead Arsenate	A	Lead Sulfate	A
Linseed Oil	B				
Magnesium Chloride	A	Magnesium Hydroxide	A	Magnesium Silicate	A
Magnesium Silico Fluoride	A	Magnesium Sulfate	A	Magnesium Sulfite	A
Maleic Acid	A	Mercury	A	Mercury Chloride	A
Mercury Nitrate	A	Methaldehyde	A	Methanol	A
Methylacetate	A	Methylalcohol	A	Methylene Chloride	B
Methyl Ethyl Keton	A	Methyl Glycol	A	Methyl Glycol Acetate	A
Methyl Isobutylketon	B	Molasses	A	Mono Ethanol Amine	A
Nickel Sulphate	A	Nitric Acid <10%	B	Nitrobenzene	B
Nitrogen	A	Nitrogenoxide	A	Nitropropane	A
Octanol	B	Oleic Acid	B	Olive Oil	B
Oxalic Acid	A	Oxygen	A	Ozone	A
Palmitic Acid	B	Palm Oil	B	Paraffin Oil & Wax	B
Perchloric Acid	B	Perhydrol	A	Phosphoric Acid	A
Phosphorous Oxychloride	A	Phthalic Acid	A	Phthalic Acid Anhydride	A
Picric Acid	B	Potassium Acetate	A	Potassium Aluminium Sulphate	A
Potassium Borate	A	Potassium Bromide	A	Potassium Carbonate	A
Potassium Chlorate	A	Potassium Chloride	A	Potassium Chromium Sulfate	A
Potassium Cyanide	A	Potassium Dichromate	A	Potassium Hydroxide	A
Potassium Hypochlorite	A	Potassium Iodide	A	Potassium Nitrate	A
Potassium Phosphate	A	Potassium Sulfate	A	Potassium Sulfite	A
Propanol	A	Propyl Acetate	A	Propylene Glycol	A
Propylene Oxide	A	Pyridine	B		
Rapeseed Oil	A				
Salad Oil	A	Salicylic Acid	A	Seawater	A
Silicic Acid	A	Silicone Oil	A	Skydrol	A



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

Chem.Res. 2 Rev.B

Specialist Geomembranes



Chemical Resistance

Landflex EP75, EP100, EP150WA, REP125

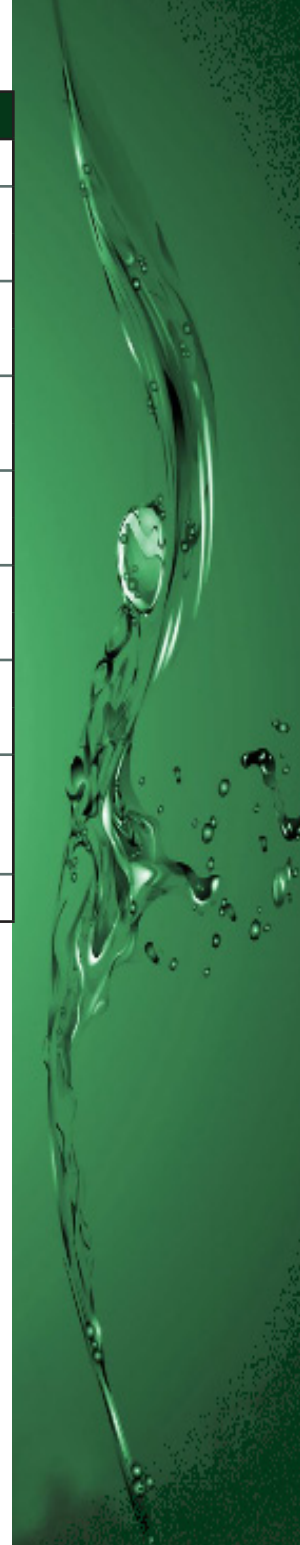
A = Recommended

B = Some minor to moderate effect

All properties are at room temperature.

Performance at elevated temperatures may be significantly different for some chemicals.

Chemical		Chemical		Chemical	
Soap Solution	A	Sodium Acetate	A	Sodium Borate	A
Sodium Bicarbonate	A	Sodium Chlorate	A	Sodium Chloride	A
Sodium Cyanide	A	Sodium Dichromate	A	Sodium Fluoride	A
Sodium Fluo Aluminate	A	Sodium Hydroxide 20-75%	A	Sodium Hypochlorite 10-30%	A
Sodium Iron Cyanide	A	Sodium Meta Phosphate	A	Sodium Nitrate	A
Sodium Peroxide	A	Sodium Orthophosphate	A	Sodium Nitrite	A
Sodium Silicate	A	Sodium Bisulfate	A	Sodium Sulfide	A
Sodium Bisulfite	A	Sodium Thiosulphate	A	Sorbic Acid	A
Starch (Amylodextrin)	A	Stearic Acid	B	Sugar	A
Sulfamic Acid	A	Sulfur 90°C	A	Sulfur Dioxide (Wet & Dry)	A
Sulfuric Acid (Dilute)	A	Sulfuric Acid (Conc.)	B	Sulfur Trioxide	B
Tannic Acid	A	Tartaric Acid	B	Tributyl Phosphate	B
Tricresyl Phosphate	B	Triethanol Amine	A	Trisodium Phosphate	A
Vegetable Oil & Fats	A	Vinyl Acetate	A		
Washing Preparation (Synth.)	A	Water	A	Wine	A
Zinc Acetate	A	Zinc Chloride	A	Zinc Sulfate	A



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

Chem.Res. 2 Rev.B