

Specialist Geomembranes

Chemical Resistance

Landflex BR75, BR100, BR150, BR200, BR200WRAS23

Landflex BR200WRAS60, RBR90, RBR120, RBR190

A = Little to minor effect

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	A	Acetamide	A	Acetic Acid 30%	B
Acetic Acid, Glacial	B	Acetic Anhydride	B	Acetone	A
Acetophenone	A	Acetylene	A	Aluminium Acetate	A
Aluminium Chloride	A	Aluminium Fluoride	A	Aluminium Nitrate	A
Aluminium Phosphate	A	Aluminium Sulphate	A	Ammonia Anhydrous	A
Ammonia Gas (Cold)	A	Ammonia Gas (Hot)	B	Ammonium Carbonate	A
Ammonium Chloride	A	Ammonium Hydroxide	A	Ammonium Persulphate	A
Ammonium Nitrate	A	Ammonium Phosphate	A	Ammonium Sulphate	A
Amyl Acetate	A	Amyl Alcohol	A	Aniline	B
Aniline Dyes	B	Aniline Hydrochloride	B	Animal Fats	B
Arsenic Acid	A				
Barium Chloride	A	Barium Hydroxide	A	Barium Sulphate	A
Barium Sulphide	A	Beer	A	Beet Sugar Liquors	A
Benzaldehyde	A	Benzoic Acid	A	Benzyl Alcohol	B
Benzyl Benzoate	B	Bleach Solutions	A	Borax	A
Bordeaux Mixture	A	Boric Acid	A	Brine	A
Butter	B	Butyl Acetate	B	Butyl Acetyl Ricinoleate	A
Butyl Alcohol	B	Butyl Benzoate	A	Butyl Carbitol	A
Butyl Cellosolve	A	Butyl Oleate	B	Butyl Stearate	B
Butyraldehyde	B				
Calcium Acetate	A	Calcium Chloride	A	Calcium Hydroxide	A
Calcium Hypochlorite	A	Calcium Nitrate	A	Calcium Sulphide	A
Cane Sugar Liquors	A	Carbamate	B	Carbitol	B
Carbolic Acid	B	Carbon Dioxide	A	Carbon Monoxide	A
Carbonic Acid	A	Castor Oil	B	Cellosolve	B
Cellosolve Acetate	B	Cellulube	A	Chloroacetic Acid	B
Chloroacetone	B	Chlorobromomethane	B	Citric Acid	A
Cobalt Chloride	A	Coconut Oil	A	Cod Liver Oil	A
Copper Acetate	A	Copper Chloride	A	Copper Cyanide	A



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Containment Solutions

Chem.Res. 1 Rev.B

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Copper Sulphate	A	Corn Oil	B	Cyclohexanone	B
Denatured Alcohol	A	Detergent Solutions	A	Developing Fluids	B
Diacetone	A	Diacetone Alcohol	A	Dibenzyl Ether	B
Dibenzyl Sebecate	B	Dibutyl Phthalate	B	Dibutyl Sebecate	B
Diethylamine	B	Diethyl Sebecate	B	Diethylene Glycol	A
Diisopropyl Ketone	A	Dimethyl Phthalate	B	Diocetyl Phthalate	B
Epichlorohydrin	B	Ethanolamine	B	Ethyl Acetate	B
Ethyl Acetoacetate	B	Ethyl Acrylate	B	Ethyl Alcohol	A
Ethyl Benzoate	B	Ethyl Cellosolve	B	Ethyl Cellulose	B
Ethyl Oxalate	A	Ethylene Diamine	A	Ethyl Chloride	A
Ethyl Formate	B	Ethyl Silicate	A	Ethylene Glycol	A
Ferric Chloride	A	Ferric Nitrate	A	Ferric Sulphate	A
Fluorinated Cyclic Ethers	A	Fluoroboric Acid	A	Fluorocarbon Oils	A
Fluorolube	A	Fluosilic Acid	A	Formaldehyde	A
Formic Acid	A	Freon 12	B	Freon 13	A
Freon 13B1	A	Freon 22	A	Freon 31	A
Freon 32	A	Freon 114	A	Freon 115	A
Freon 142B	A	Freon 152A	A	Freon 502	A
Freon C316	A	Freon C318	A	Freon TA	A
Freon TC	A	Freon TMC	B	Freon T-P35	A
Freon T-WD602	A	Fufural	B		
Gallic Acid	B	Gelatin	A	Glauber's Salt	B
Glycerin	A	Glycols	A	Glucose	A
Glue	A	Green Sulphate Liquor	A	n-Hexaldehyde	B
Hydrazine	A	Hydrobromic Acid	A	Hydrochloric Acid (Cold)	A
Hypochlorous Acid	B	Hydrocyanic Acid	A	Hydrofluoric Acid Anhydrous	B
Hydrofluoric Acid (Conc. Cold)	B	Hydrofluosilic Acid	A	Hydrogen Gas	A
Hydrogen Sulphide (Wet,Cold)	A	Hydrogen Sulphide (Wet, Hot)	A		



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Iodoform	A	Isobutyl Alcohol	A	Isophorone	A
Isopropyl Acetate	A	Isopropyl Alcohol	A		
Lactic Acid	A	Lead Acetate	A	Lead Nitrate	A
Lead Sulphamate	A	Lime Bleach	A	Lime Sulphur	A
Lindol	A	Linseed Oil	B	Lye	A
Magnesium Chloride	A	Magnesium Hydroxide	A	Mercuric Chloride	A
Mercury	A	Mesityl Oxide	B	Methyl Acetate	B
Methyl Acrylate	B	Methyl Alcohol	A	Methyl Butyl Ketone	A
Methyl Cellosolve	B	Methyl Formate	B	Methyl Oleate	B
Methyl Salicylate	B	Methacrylic Acid	B	Milk	A
Monoethanolamine	B	Monovinyl Acetylene	A	Mustad Gas	A
Neatsfoot Oil	B	Neville Acid	B	Nickel Acetate	A
Nickel Chloride	A	Nickel Sulphate	A	Niter Cake	A
Nitric Acid Dilute	B	Notroethane	B	Nitrogen	A
Octyl Alcohol	A	Oleic Acid	B	Olive Oil	B
Oxalic Acid	A	Oxygen Cold	A	Ozone	B
Palmitic Acid	B	Perchloric Acid	B	Phenol	B
Phosphorous Trichloride	A	Phorone	B	Phosphoric Acid 20%	A
Phosphoric Acid 45%	B	Picric Acid	B	Plating Solution Chrome	A
Plating Solution Others	A	Polyvinyl Acetate Emulsion	A	Potassium Acetate	A
Potassium Chloride	A	Potassium Cupro Cyanide	A	Potassium Cyanide	A
Potassium Dichromate	A	Potassium Hydroxide	A	Potassium Nitrate	A
Potassium Sulphate	A	Propyl Acetate	B	n-Propyl Acetate	A
Propyl Alcohol	A	Propyl Nitrate	B	Propylene Oxide	B
Pydrauls	B	Pyridine	B	Pyroligneous Acid	B
Rapeseed Oil	A				
Sal Ammoniac	A	Salicylic Acid	A	Salt Water	A
Sewage	B	Silicone Greases	A	Silicone Oils	A



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Silver Nitrate	A	Skydrol 500	B	Skydrol 7000	A
Soap Solutions	A	Soda Ash	A	Sodium Acetate	A
Sodium Bicarbonate	A	Sodium Bisulphate	A	Sodium Borate	A
Sodium Chloride	A	Sodium Cyanide	A	Sodium Hydroxide	A
Sodium Hypochlorite	B	Sodium Metaphosphate	A	Sodium Nitrate	A
Sodium Perborate	A	Sodium Peroxide	A	Sodium Phosphate	A
Sodium Silicate	A	Sodium Sulphate	A	Sodium Thiosulphate	A
Stannic (ous) Chloride	B	Steam under 300°F	A	Sucrose Solution	A
Sulphite Liquors	B	Sulphur	A	Sulphur Dioxide	B
Sulphur Hexafluoride	A	Sulphur Trioxide	B	Sulphuric Acid (Dilute)	B
Sulphuric Acid (Conc.)	B	Sulphurous Acid	B		
Tannic Acid	A	Tartaric Acid	B	Tertiary Butyl Alcohol	B
Tertiary butyl Catechol	B	Tetrabutyl Titanate	B	Tetrahydrofuran	B
Triacetin	A	Triaryl Phosphate	A	Tributyl Ethyl Phosphate	A
Tributyl Phosphate	A	Trichloroacetic Acid	B	Tricresyl Phosphate	B
Triethanol Amine	B	Trioctyl Phosphate	A	Toluene Diisocyanate	A
Unsymmetrical Dimethyl Hydrazine (udmh)	A	Urea	A		
Vegetable Oils	A	Versilube	A	Vinegar	A
Wagner 21B Fluid	B	Water	A	Whisky, Wines	A
Zeolites	A	Zinc Acetate	A	Zinc Chloride	A
Zinc Sulphate	A				



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