

Specialist Geomembranes



Chemical Resistance Landflex RPU 1250g/m² Reinforced Polyurethane

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	
Amyl alcohol	A	Ammonium Hydroxide 20%	A	Apple Juice	A
ASTM Fuel A	A	ASTM Fuel B	A	ASTM Fuel C	B
ASTM Fuel D	B	Argon	B	ASTM Oil No.1	A
Aluminium Chloride 25%	A	Aluminium Sulphate 25%	A	Ammonium Nitrate 25%	A
Ammonium Sulphate 25%	A				
Chromic Acid 30%	B	Cyclohexanol	B	Corn Oil	A
Carbon Dioxide	A	Crude Oil Low Sulphur	A	Crude Oil High Sulphur	A
Calcium Chloride	A				
Diisopropyl Ether	B	Diesel at 40°C	A	Diocyl Phthalate (Palatinol AM)	B
Dibutyl Phthalate	B	Diocyl Sebacate	B		
Ethanol	B				
FAM Testfluids (DIN 51604) at 40°C					
Low Oxygenate Content	B	Medium Oxygenate Content	B	High Oxygenate Content	B
Fostoric Acid	B	Freon 12	A	Freon 22	B
F76 Jet Fuel at 80°C	A				
Hexanol	A	Helium	B		
Isopropanol	B	Isobutanol	A	Isopar L	A
Isopar M	A				
JP8 Jet Fuel at 80°C	A	JP4 Jet Fuel at 80°C	A	JP5 Jet Fuel at 80°C	A
Kerosene	A				
Methanol	B				
Nitric Acid 20%	B				
Olive Oil	A	Orange Juice	A	Oxygen	B
Phthalic Esther Mix (Palatinol 610)	B	Potassium Hydroxide	B	Sodium Hydroxide 20%	B
Sodium Hypochlorite	B	Sodium Perborate	A	Sulphuric Acid 20%	B
Super Gasoline Leaded at 40°C	A	Super Gasoline Unleaded at 40°C	A	Sodium Chloride	A
Sodium Nitrate	A	Tertiary Butyl Methyl Ether (MTBE)	B		



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Containment Solutions

Chem.Res.6 Rev.A