








GEOMEMBRANES SELECTION GUIDE

			Most commonly used geomembrane solutions						
Applications			Main influencing parameters						
Geomembranes can be used for a wide range of applications. Appropriate selection requires a specific analysis of each project. Contact Texel's specialists to make the right choice.			Texel TM200 : Polyvinyl chloride	Texel TM300 : Bituminous	Texel TM400 : Polyethylene (high density)	Texel TM500 : Specialized	Texel TM600 : Bentonite geocomposite	Texel TM700 : Reinforced polyethylene	Texel TM800 : Polyethylene (low density)
			Structural and functional characteristics available						
Roads and transportation		Temporary tarps Erosion control Protection of various worksites and buildings						X	X
		Lightweight embankments			X				X
		Snow disposal sites		X	X		X		X
Natural resources and energy		Ditches Irrigation channels	X	X	X	X	X	X	X
		Cofferdams Dams and dikes	X	X	X	X	X	X	X
		Mine tailings site (cell and cover) Heap leach pads		X	X	X	X		X
Industrial applications and waste management		Equipment maintenance platforms Cleaning platforms Composting platform		X	X			X	X
		Oil/gas exploration platforms Oil storage tanks and secondary containment Hazardous materials storage areas		X	X	X			X
		Daily cover of landfills						X	X
Municipal infrastructure and landscape architecture		Waste landfill cells Dry material landfill cells			X		X		
		Landfill cell capping Wood waste landfill capping			X		X		X
		Contaminated soil treatment areas Industrial sludge storage areas Industrial waste storage areas		X	X	X		X	X
		Liquid manure tanks Storage platforms for animal manure			X				X
		Under-building vapor barrier and radon mitigation				X			
		Leachate retention basins Treatment ponds Interceptor trenches			X	X		X	X
		Aerated ponds Wastewater treatment ponds	X		X		X		X
		Water reservoirs (drinking/non-drinking) Potable / Non-potable Decorative ponds Fish ponds	X		X	X	X	X	X
		Rainwater management basins Filter marshes Drainage ditches	X		X	X	X	X	X
		Invasive plant control: Common reed - Japanese knotweed - Buckthorn							X

Geomembranes are available in various grades offering structural and functional features to meet your specific requirements.

STRUCTURAL:
Smooth
Textured
Pre-assembled
Mesh-reinforced
Woven reinforced
Composite
Black/White/Various colors

FUNCTIONAL:
Compatibility with drinking water
Compatibility with aquaculture
Compatibility with hydrocarbons
Compatibility with cold temperatures
Compatibility with high temperatures
Compatibility with acids
Conductive