



RECOIL™ x3

3 LAYERS OF RECOIL™ FILM TECHNOLOGY
PROVIDE UNMATCHED PUNCTURE &
HYDROSTATIC RESISTANCE



FUSION™

COATING TECHNOLOGY
MAKES IT EASY TO SEAM IN THE
FACTORY OR FIELD AND PROVIDES
A WATERTIGHT SEAL FOR PANELS

**WOVEN FABRIC
CORE**

PROVIDES DIMENSIONAL
STABILITY AND STRENGTH

The King of Geomembranes

HOLD WATER | NO LEAKS | EASY TO INSTALL

T-REX™ DIAMOND is an engineered multilayered geomembrane used for water retention applications. T-REX™ DIAMOND has a uniquely designed Recoil™ Film technology to offer an exceptionally high hydrostatic resistance to hold millions of gallons of water. In addition, T-REX™ DIAMOND product has an innovative Fusion™ coating technology to offer a watertight seal panels. The core woven fabric offers high tensile and tear strength combined with outstanding dimensional stability. T-REX™ DIAMOND is stabilized with special UV stabilizers and antioxidants designed to be use for an extended long time exposure water retention applications. T-REX™ DIAMOND has an excellent flexibility, outstanding durability, stress cracking resistance along with lightweight construction provides an excellent performance in all climates and environmental conditions.

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TREX**

T-REX™ DIAMOND Features and Benefits

- Recoil™ Film technology to offer an exceptionally high hydrostatic resistance
- Fusion™ coating technology to offer a watertight seal panels
- Thickness - 850 microns (0.85 mm) geomembrane
- Excellent tensile and tear strength
- High Puncture, impact and abrasion resistance
- Ease of welding at low temperatures
- Special UV and Antioxidant package for long term exposure
- Outstanding Chemical resistance
- ISI Approved: IS 15351 : 2015 - CM/L - 7800012309
- Meets NSF/ANSI 61 – Safe for potable drinking water
- Non-toxic, no PVC or other hazardous materials used in the construction of the geomembrane

T-REX™ DIAMOND Applications

- Pond Liners
- Oil Field Pit Liners
- Containment Liners
- Golf Course and Decorative Pond Liners
- Remediation Liners
- Secondary Containment Applications



Meets
NSF/ANSI 61
Safe for potable
drinking water

IS 15351 : 2015



CM/L - 7800012309



T-Rex™ Diamond Technical Data

PROPERTY	TEST/METHOD	T-REX™ DIAMOND TYPICAL VALUE
Film Structure	Recoil™ Technology	
Fusion Coating	Proprietary Polymer Blend	
Weight (GSM)	ASTM D 5261	650
Nominal Thickness (Micron)	ASTM D 1777	850
Hydrostatic Resistance (PSI)	ASTM D 751	410
Breaking Strength (lbs)	ASTM D 751	MD 500 CD 490
Tear resistance (lbs)	ASTM D 4533	MD 106 CD 101
Puncture resistance (lbs)	ASTM D 751	192
Bursting strength (Ball burst) (PSI)	ASTM D 751	815
Low Temperature Flexibility	ASTM D 2136	-50 °C
Accelerated UV Weathering	ASTM G154	> 90% @ 2000 Hours†

All values are ± 10%. †QUV A-340 lamps 8 hrs UV @ 60° C, 4 hrs condensation @ 40°. MD = Machine Direction CD = Cross Direction. The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.

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