



Flexibility, Strength & Impact Resistance

TANK-FLEX 30 MIL LLDPE BLACK/GRAY

FEATURES

- Flexible
- Conforms well to uneven surfaces
- Durable
- Proven impact resistance
- Proven puncture resistance
- Outstanding elongation
- Excellent cold crack performance
- Custom fabrication
- Engineered specifically for AST applications
- Easy visual inspection
- 15 year manufacturer's warranty

Tank-Flex is a co-extruded linear low density polyethylene geomembrane developed for applications requiring enhanced flexibility along with a combination of high strength and impact resistance. These elements are critical for earthen pits, ponds, and reliable above ground tank lining systems.

The gray color on the top layer minimizes thermal expansion while providing a cooler surface. Contrasting colors also provide a vital function for ease of damage detection during the installation process. The additive package in the black bottom layer includes carbon black and thermal stabilizers for protection from UV radiation. Both sides are designed for ease of welding in the factory or field.

APPLICATIONS

- Above ground storage tanks
- Brine ponds
- Containment berms
- Fire ponds
- Oilfield pit liners
- Remediation liners
- Landfill covers
- Farm ponds
- Canals & channels
- Decorative ponds

FOR MORE INFO CALL 800.524.8672



WWW.COLORADOLINING.COM

VERSION UPDATE 02.21.17

Product Data

Tank-Flex Material Information

PRO-FORMA Data Sheet		Tank-Flex E30BD1		Tank-Flex E40BD1	
Properties	Test Method	Typical Avg	Metric Avg	Typical Avg	Metric Avg
Appearance		**Black/Gray	Black/Gray	**Black/Gray	Black/Gray
Thickness, Nominal		30 mil	0.76 mm	40 mil	1.0 mm
Weight	ASTM D751	150 lbs/MSF	732 g/m ²	196 lbs/MSF	957 g/m ²
*1" Tensile Strength	ASTM D882	140 lbf/in	245 N/cm	172 lbf/in	301 N/cm
* Elongation at Break (Film Break)	ASTM D882	1000%	1000%	1000%	1000%
*Tear Resistance	ASTM D1004	16 lbf	71 N	23 lbf	102 N
Puncture Resistance	ASTM D4833	60 lbf	267 N	80 lbf	356 N
Tensile Strength at Break (Max Load)	ASTM D638	186 lbf/im	326 N/cm	260 lbf/im	456 N/cm
Elongation at Break (Film Break)	ASTM D638	1000%	1000%	1000%	1000%
Maximum Use Temperature		180°F	82°C	180°F	82°C
Minimum Use Temperature		-70°F	-57°C	-70°F	-57°C

*Tests are an average of MD and TD directions.

**Contrasting colors provide for ease of detection of potential installation damage.

PRO-FORMA Sheet Contents:

The test values listed in this Pro-Forma data sheet are representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.

FOR SALES INFORMATION

Corporate Headquarters - Denver: 800.524.8672 / 303.841.2022

Houston Office: 888.546.4641 **California Office:** 303.951.5942

WWW.COLORADOLINING.COM

CLI has over 35 years of experience in the geosynthetics industry, and we offer custom Design-Build solutions that are cost effective and reliable. Our services include Geomembrane and Spray Coating Materials, Custom Fabrication, and Certified Installation.