

PRODUCT DESCRIPTION

E15DBS is a multi-layer, metallocene linear low density polyethylene geomembrane with an enhanced grip surface on one side. Fine N110 carbon black (black layer) and high performance U.V. stabilizers (white layer) provide long term protection from thermal oxidation and ultraviolet degradation. Metallocene polyethylene provides exceptional toughness, multi-axial elongation and impact resistance.

PRODUCT USE

E15DBS is used in lining and cover applications requiring good outdoor weatherability, toughness and puncture resistance. A lightly textured surface provides enhanced grip for ease of installation and worker safety. The products ability to conform to uneven surfaces and resist puncture through multi-axial elongation allows it to be used in a wide variety of applications.

SIZE & PACKAGING

E15DBS is available in various increments up to 65,000 square foot panels. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.



<u>Product</u>	<u>Part Number</u>
GeoCHEM	E1 5DBS

COMMON APPLICATIONS

Containment Liners

Pond/Canal Linings

Oilfield Pit Liners

Decorative Ponds

Fire Ponds

Remediation Liners

Brine Ponds

Leachate Collection Ponds

Interim Landfill Covers

Mine Tailing Ponds

PROPERTIES	TEST METHOD	IMPERIAL UNITS	METRIC UNITS
		Average Values	Average Values
Appearance		White/Black	White/Black
Thickness, Mil (NoMinAl)	ASTM D 5199	15 mil	0.38 mm
		70 lbs/msf 10 oz/yd ²	340 g/m ²
*Tensile STrength	ASTM D 6693	90 lbf/in	150 N/cm
*Tensile ElongATion	ASTM D 6693	850 %	850 %
*TeAr resisTance	ASTM D 1004	8 lbf	36 N
puncTure resisTance	ASTM D 4833	33 lbf	147 N
iMpAcT resisTance	ASTM D 1709	2400 g	2400 g
CARbon bIACK (bIACK lAyer)	ASTM D 1603 or ASTM D 4218	2.0 %	2.0 %
MULTI-AXIAL Tension	ASTM D 5617	120 %	120 %
MAxiMuM Use TeMperATure		180° F	82° C
MiniMuM Use TeMperATure		-70° F	-57° C

* Test are an average of machine and transverse directions.

E15DBS is a multi-layer membrane consisting of premium metallocene linear low density polyethylene. Carbon black is added to the black layer and UV additives and thermal stabilizers are added to the white layer to assure outdoor longevity and extended service life. An enhanced grip surface is added to one side for ease of installation and job site safety. **E15DBS** is not a textured geomembrane to be used for slope stabilization.

Note: To the best of our knowledge, unless stated otherwise, these are typical property values and are intended as guides only. **GEOCHEM, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO**, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.