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**PRODUCT DATA SHEET**

**GEOFILM**

PART NO. 33200, 33202

AUGUST 2006

**READ BEFORE USING THIS PRODUCT**

**GENERAL** GeoFilm is a peel-and-stick waterproofing membrane designed specifically as a moisture barrier for below ground applications. GeoFilm is composed of a specially designed polymer modified asphalt waterproofing membrane adhesive laminated to a .004" (0.10mm) minimum thickness heavy duty cross laminated high density polyethylene backing film. GeoFilm is supplied in several widths and is wound on rolls with a removable disposable release liner covering the adhesive. The adhesive layer strongly adheres to most surfaces and both the polyethylene film and the membrane adhesive provide a highly effective waterproofing barrier. To use, GeoFilm is simply removed from the box and unrolled onto prepared surfaces while removing the release liner. GeoFilm is particularly suited for waterproofing box culverts, concrete pipe joints, median and paved shoulder inlets, foundations, retaining walls, manholes, catch basins, headwalls, abatement backwalls and many other horizontal, vertical or curved applications.

**SPECIFICATION CONFORMANCE** GeoFilm meets the following specification requirements.

<u>Property*</u>	<u>Test Method</u>	<u>Requirement</u>
Thickness	ASTM D1777	0.060" (1.52mm) min.
Pliability (1/4" (6.35 mm) mandrel, 180° bend, 2 seconds)	ASTM D146 (modified)	Pass at -25°F (-31.7°C)
Permeance	ASTM E96, Method B	0.10 US perms max.
Tensile Strength (membrane)	ASTM D412 Die C	250 psi (1.7 MPA) min.
Elongation (membrane)	ASTM D412 Die C	300% min.
Tensile Strength (film)	ASTM D412 Die C	4000 psi (27.6 MPA) min.
Water Absorption	ASTM D570	0.2% weight max.
Puncture Resistance	ASTM E154	40 lb (179 N) min.
Fungi Exposure	GSA-PBS-07115	Pass, 16 weeks

\*Note: Sampling in accordance with ASTM D146

**APPLICATION PROCEDURE** Prior to use, the user must read and follow application instructions for GeoFilm to verify proper product selection, surface preparation procedures, installation methods, usage precautions and safety procedures. These instructions are provided with each pallet of GeoFilm.

**PACKAGING** GeoFilm is produced in roll widths of 12" and 36" (.305, and .914m). Each roll is packaged in a box and the boxes are palletized on 40" x 48" (1.02m x 1.22m) pallets. GeoFilm is available in the following widths and lengths.

Part Number	Roll Width in/m	Roll Length ft/m	Area per Roll ft <sup>2</sup> /m <sup>2</sup>	Rolls per pallet	Rolls per truck	Area per Pallet ft <sup>2</sup> /m <sup>2</sup>	Weight/Pallet lb/kg
33200	12 / .305	100 / 30.5	100 / 9.30	36	792	3600 / 335	1120 / 507
33202	36 / .914	50 / 15.2	150 / 13.95	25	550	3750 / 347	1280 / 580

**STORAGE** GeoFilm is to be stored indoors at temperatures not exceeding 120°F (49°C) and kept dry.

**WARRANTY** CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation and installation are beyond our control as are the use and application of the products; therefore, Crafcoc shall not be responsible for improperly applied or misused products. Remedies against Crafcoc, Inc., as agreed to by Crafcoc, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcoc, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafcoc, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcoc recommendations for product installation.**