



DRAGO® WRAP SOIL GAS RETARDER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: FEB 4, 2025

1. PRODUCT NAME

DRAGO WRAP SOIL GAS RETARDER

2. MANUFACTURER

Stego® Industries, LLC
216 Avenida Fabricante, Suite 101
San Clemente, CA 92672
Sales, Technical Assistance
Ph: (877) 464-7834
contact@stegoindustries.com
stegoindustries.com



3. PRODUCT DESCRIPTION

USES: Drago Wrap Soil Gas Retarder is a high-performance under-slab gas retarder.

COMPOSITION: Drago Wrap Soil Gas Retarder is a multi-layer plastic extrusion manufactured with only high grade, prime, virgin, polyolefin resins.

ENVIRONMENTAL FACTORS: Drago Wrap Soil Gas Retarder is a pre-emptive solution for contaminated sites with trace amounts of VOCs.

4. TECHNICAL DATA

TABLE 4.1: PHYSICAL PROPERTIES OF DRAGO WRAP SOIL GAS RETARDER

PROPERTY	TEST	RESULTS
Under Slab Vapor Retarders	ASTM E1745 – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	ASTM E1745 Compliant
Water Vapor Permeance	ASTM F1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	0.0081 perms
Push-Through Puncture	ASTM D4833 – Test Method for Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products	202.7 newtons
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	63.0 lbf/in
Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)	ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking ASTM E154 Section 11, F1249 – Permeance after heat conditioning ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	0.0096 perms 0.0089 perms 0.0082 perms 0.0096 perms
Benzene Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<1.1 \times 10^{-10}$ m ² /second
Toluene Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<1.4 \times 10^{-10}$ m ² /second
Ethylbenzene Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<2.0 \times 10^{-10}$ m ² /second
M&P-Xylenes Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<2.0 \times 10^{-10}$ m ² /second
O-Xylene Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<1.6 \times 10^{-10}$ m ² /second
TCE Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<1.3 \times 10^{-10}$ m ² /second
PCE Permeation Coefficient	Aqueous Phase Film Permeation Testing	$<1.4 \times 10^{-10}$ m ² /second
Methane Transmission Rate	ASTM D1434 – Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	103 ml(STP)/m ² *day**
Radon Diffusion Coefficient	ISO11665-13	6.0×10^{-12} m ² /second
Thickness		20 mil
Roll Dimensions		14' x 105' or 1,470 ft ²
Roll Weight		150 lb

Note: perm unit = grains/(ft²*hr*in-Hg) ** GTR = Gas Transmission Rate

Continued...

Note – legal notice on page 2.

DRAGO® WRAP SOIL GAS RETARDER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: FEB 4, 2025

5. INSTALLATION

UNDER SLAB: Unroll Drago Wrap over a tamped aggregate, sand, or earth base. Overlap all seams a minimum of 12 inches and tape using DragoSeal™ Tape. All penetrations must be sealed using a combination of Drago Wrap and Drago Accessories.

Drago Wrap should be installed below 110°F. Do not exceed 7 days between Drago Wrap installation and concrete placement or full protection from UV and weather exposure. Please review technical data sheets for Drago accessory products for installation/application temperature ranges.

Review Drago Wrap's complete installation instructions prior to installation.

6. AVAILABILITY & COST

Drago Wrap is available through our network of building supply distributors. For current cost information, contact your local Drago distributor or Stego Industries' Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Drago Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE AND STORAGE

Maintenance: Inspect after installation. Repair visible damage with DragoSeal Tape or recommended accessories.
Storage and Handling: Store in original packaging in a cool, dry place. Handle with care to avoid damage.

Please refer to the Safety Data Sheet (SDS) for detailed safety, storage, and handling procedures.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

mail: contact@stegoindustries.com

Contact Number: (877) 464-7834

Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com

