



Product Overview

LionGUARD commercial-grade building wrap is a strong, durable woven polyolefin fabric with a micro-perforated coating that controls the transfer of water-vapor and reduces air infiltration. Building wrap is a critical component in protecting the building envelope by controlling air movement and the transfer of moisture, creating a healthier and more energy-efficient structure. The engineered woven fabric construction of **LionGUARD W** provides exceptional strength, durability and lightweight handling at an attractive price point.

Uses

LionGUARD commercial-grade building wrap protects against moisture and controls air infiltration behind all types of exterior siding including wood, composite panels, vinyl, stucco, brick, stone, masonry, metal and insulated sheathings. Long-term, 300 day, UV stability and durable woven fabric protects the building envelope during construction.

Features

Strong & Durable: **LionGUARD** fabric is cross-woven to resist tearing around fasteners and to endure the rigors of building construction while remaining lightweight and easy to handle, reducing jobsite waste.

Protects against Air & Moisture: **LionGUARD** building wrap has a micro-perforated coating which is water-resistant and controls air and moisture transfer allowing the building to breathe. Provides reliable protection in finished wall assemblies for a healthier and more energy-efficient building envelope.

Stable: **LionGUARD** building wrap is treated to resist excessive degradation from exposure to ultra-violet light and may be left exposed for up to 300 days.

Simple Application: Lightweight yet durable material is translucent making locating studs, openings, and corners quick and easy. Familiar installation process is simple and efficient.

Meets Building Codes: **LionGUARD** meets or exceeds applicable building codes for weather resistant barriers and is a critical component for an energy-efficient building.

The Leader in Custom Print Advertising

LionGUARD is the industry leader in flexible custom printing. Our innovative printing process can handle custom logos of various sizes and color combinations in the industry's smallest quantities with rapid turn-around times. **LionGUARD** building wraps are ideal billboards for advertising your high-quality work to a targeted and interested audience. We specialize in multiple logo printing with your company name, logo, phone number and web address in large, easy-to-read type.

What better way to advertise than on the side of a building? People are naturally curious about construction and will readily see what is printed on the building wrap. Make a strong statement about your company by having logos and contact information printed on **LionGUARD** building wrap. Increase the power and value of your building envelope!



Typical Physical Properties

Property	Results	Method
Basis Weight	13.3 lbs/MSF	ASTM D 5261
Tensile Strength MD/CD	54/21 lbs/in	ASTM D 828
Water Vapor Transmission	70 g/m2/24 hrs	ASTM E 96 Method A
Water Vapor Permeance	10 perms	ASTM E 96 Method A
Water Resistance	60 minutes	ASTM D 779
Flame Spread Index	Class A	ASTM E 84
Smoke Developed Index	Class A	ASTM E 84
Ultra Violet Light Exposure (UV)	300 days	

Roll Sizes:

9' x 100'	10' x 100'
9' x 150'	10' x 150'
9' x 195'	10' x 195'

Additional rolls sizes available

Warranty Information

LionGUARD believes this the information and Recommendations herein to be accurate and reliable. However, since the use and conditions are not within its control, LionGUARD does not guarantee results from the use of such products or other information herein and disclaims all liability from any resulting damage or loss. NO WARRANTY, EXPRESS OR IMPLIED, IS GIVEN TO THE MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE WITH RESPECT TO THE PRODUCTS REFERRED TO.

Installation-General

Ensure that wall substrate is flat and free of damage and foreign debris before LionGUARD building wrap is applied. In the event of existing moisture related wall problems, corrective measures need to be taken prior to installing LionGUARD building wrap products. Contact a building envelope professional for detection and appropriate action.

For the most current installation guidelines for LionGUARD building wrap products, please contact LionGUARD. Always verify the intended application is compliant with local building codes.

Ensure that LionGUARD building wrap is installed with the print facing out. LionGUARD building wrap should be installed after framing is complete and before windows and is complete and before windows and doors are installed.

Secure LionGUARD building wrap with non-corrosive roofing nails or staples spaced approximately 8" along the top and bottom plates and 24" apart in the field of the roll. Fasteners should be of sufficient length to penetrate framing or fastening substrate. Ensure that fasteners are properly driven; over and/or under-driven fasteners may cause pulling around the fastener and damage to the building wrap material.

Joint treatment: Sheathing Tape should be applied at the joints of LionGUARD building wrap using constant and adequate pressure to maximize adhesion.

LionGUARD building wrap must be covered with a code-complying exterior wall covering with 300 days of first application.

For integration with openings and flashing materials, LionGUARD building wrap should conform to Industry standards including ASTM E 2112-01 and AMMA 711-05.

Precautions:

Warning: Protect from high heat or other ignition Sources during shipment, storage and application

Storage: Take care to protect LionGUARD building wrap from exposure to direct sunlight during storage. It is recommended that building wrap be stored inside or under cover.