



Premium Quality Housewrap
Tough, effective – and affordably priced



A WORLD LEADER IN ENGINEERED FABRICS

A leading supplier of housewrap, roofing products and other fabrics to the construction industry for over 15 years, Fabrene is known for its engineering strengths and outstanding service. Fabrene stands solidly behind its products, and behind you.

The first engineered fabrics manufacturer to obtain ISO certification, Fabrene has developed great efficiency in order placement, tracking and delivery. We make it easy for you to do business with us and to meet your customers' needs, with short lead times.

Fabrene's three manufacturing plants are part of PGI, based in Charlotte NC. PGI is a developer and manufacturer of nonwovens and oriented polymers with 21 manufacturing plants in 10 countries, generating close to \$1-billion US in total sales.

Fabrene Air-Gard®XL Housewrap makes you extremely competitive in the high end housewrap market. It has all the attributes builders could ask for, and it's backed by the experience of Fabrene, whose Air-Gard housewrap has been installed on more than half a million homes in North America in the past 15 years.

All-round protection

A non-woven, non-perforated polypropylene fabric, Air-GardXL helps homes and commercial and institutional buildings stay cool in hot regions and warm in the coldest climates. It lets the structure breathe, yet is an excellent wind barrier. It also resists wind-driven rain yet lets water vapor escape, helping maintain insulation R value and preventing mold, mildew and rot within the wall cavity.

Strength when needed

One of the very toughest non-woven housewraps, Air-Gard XL far exceeds the tensile strength requirement for Certification. It won't easily rip or tear during installation, either from rough handling or severe wind action. The builder avoids wasting time on repairs and call-backs. It's easy to install, too, with stud markings every 8-in for fast line up.

Air-Gard® XL is one of three Fabrene housewraps. The more economical Air-Gard® Value lets you compete with low-priced wraps. Air-Gard is the standard housewrap that has protected homes for more than 15 years. All three meet the requirements of ICC-ES AC38 as a Weather Resistant Barrier – and all are available from one source.

FABRENE®

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Controlled air flow

While eliminating drafts, a housewrap should still allow the house to breathe. Air-GardXL does exactly that, restricting air movement to a desirable level within the wall cavity and in the insulation between studs. R value is maintained and the possibility of mold and rot reduced. It's healthy, too, with no gas emissions from the sheet itself. It is most effective in high wind areas.

Water barrier

Air-Gard XL is an efficient barrier to wind-driven rain, resistant to bulk water penetration. Wood sheathing and studs are protected from damaging excessive moisture. At the same time, water vapor that may occur within the cavity is allowed to escape from behind the wrap, reducing dampness and mold. Air-GardXL has an excellent water vapor permeance of 6.2 perms, exceeding all requirements.

Strength in every direction

Air-GardXL is one of the strongest non-wovens available, considerably stronger than most others. With tensile strengths tested at 31.5 lb machine direction and 24.5 lb cross-machine,

the risk of tears during application or from high winds is greatly reduced. Results for break force or puncture are equally impressive, requiring twice as much force to penetrate as the minimum standard. With this durability, repair time and costly call-backs are minimized. Weather delays during construction are not a problem – the sheet is UV-resistant giving ample time to stay unprotected.

Custom printing

Multi-color printing of custom artwork in standard colors, with fast turnaround from convenient locations in the North-East, North-West and South Central.

Easy handling

Skid packaging is designed for stability and for outside storage. Skids hold 40 rolls/pallet of 100-ft, 35 rolls of 150-ft lengths and 24 rolls of 195-ft length. Skids need only standard flat 3-in forks, or handjacks for individual skids.

Weights

Lighter in weight but stronger than other non-wovens, Air-Gard XL rolls are easily handled.

Physical Properties and Test Results

Air-Gard XL	Units	Result	Method
Tear Strength – MD/CD	lbf	16/15	ASTM D 4533
Water Vapor Permeance*	perms	6.2	ASTM E 96
Water Vapor Transmission*	g/m ² 24 hrs	42.6	ASTM E96
Water Resistance*	hours	>24	ASTM D799
Unit Weight	oz/syd	3.3	TAPPI - 410

* TESTS BY INDEPENDENT LABS.

The Warranty

FABRENE warrants that Air-Gard® XL will be free of defects in material and workmanship that are encountered during installation. The warranty does not apply to loss or damage due to abuse, mishandling, accident or failure to follow installation procedures but does apply to damage caused by exposure to sunlight for a period of 60 days from date of installation. Material found to be defective will be replaced at no charge by Fabrene Inc. but in no event shall Fabrene Inc. be liable for any other costs or damages, including labor costs.

FABRENE®

From a proven manufacturer

Air-Gard® XL is manufactured by Fabrene, the largest producer of woven polyethylene in the world, and a division of PGI, a global, technology-driven developer, producer and marketer of engineered fabrics headquartered in Charlotte NC. All Fabrene products meet ISO certification standards.

Fabrene Inc.
240 Dupont Rd.
North Bay, Ontario,
Canada P1B 9B4

Fabrene Corp.
16225 S.E. 16th St.
Clackamas, Oregon,
USA 97015

Tel: Toll Free: 888-322-7363
Tel: 705-476-7057
Fax: 705-476-0665 (Order Desk)

Tel. International: +1-705-476-7057
Fax International: +1-705-476-0665

Email: sales@fabrene.com



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For more information, visit our web site at:
www.fabrene.com