



 **Progressive**  
SCREENS

**MAGNATRACK**  
US PATENT 8710222



# Progressive in Approach, Innovative in Design

Progressive Screens is committed to being recognized as the industry leader in providing quality motorized retractable screening solutions and innovative designs that set us apart from our competition. Our primary mission is to provide customers with world-class motorized screens, each of which are customized to fit your needs.

Progressive Screens guarantees top quality workmanship and materials in every system we produce. All backed by an industry leading Limited Lifetime Warranty that will protect your investment for years to come.



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## Why Progressive Screens?

Founded in 2002 by Arthur James, Jr., Progressive Screens is your source for motorized screens. Arthur and his team bring extensive knowledge and has spent the last 20 years perfecting our screen system to be the best available, at an affordable price. Whether you're looking for screen, vinyl solutions, hurricane protection, commercial or residential, our system is completely customizable to fit your needs. Each product goes through our quality control inspections to ensure every system is built to your exact specifications and meets our stringent guidelines.

Progressive Screens is the top pioneer in the industry. We bring you innovative design and solutions. Our one of a kind, MagnaTrack System (US Patent No. 9,719,292) works on a dual pull magnetic system and eliminates nearly 98% of common service issues associated with other motorized screens and is guaranteed to outperform any other system available.

Our world-class motorized screen system is proudly manufactured in the USA with headquarters based in Sarasota, FL. As a Hunter Douglas owned and operated business every client is important to us and our world class customer service representatives are glad to assist you with any questions you may have.



**“Durability, protection, and performance, our patented MagnaTrack system is like no other and will outperform any other in the industry.”**

US Patent No. 9,719,292

*Arthur James*

Inventor of the MagnaTrack System





**98% of service issues inherent of all fixed track/zipper systems are eliminated with our MagnaTrack system.**

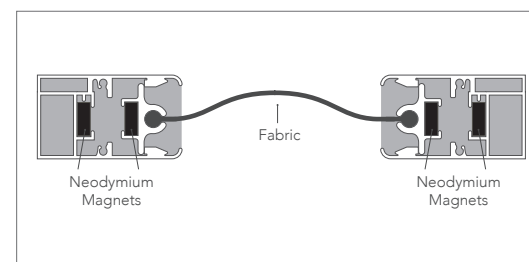
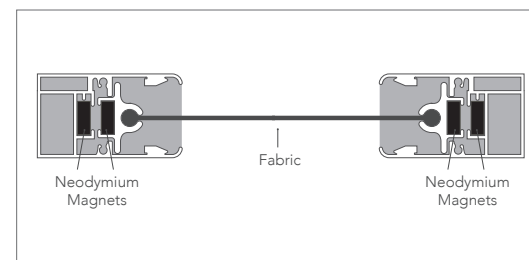
## MAGNA TRACK

**The Innovative System that outperforms, protects and enhances your outdoor experience.**

Our patented MagnaTrack system is a unique self-tensioning design that utilizes opposing polarity dual magnetic pull from Neodymium magnets interlocked into the track housing as well as the adjustable track insert for a constant secure hold. MagnaTrack can be used in new construction as a recessed system or retrofitted for existing residential applications and commercial application.



MagnaTrack enhances the performance of our motorized screens system so you don't have to worry about screens jamming or hanging up. Along with the Keder interlock, our system is fail proof! 98% of service issues inherent of all fixed track/zipper systems are eliminated with our MagnaTrack system.



The system is able to overcome the ineffectiveness of a fixed track (permanently secured by fasteners) and zipper systems by allowing the screen to expand while under wind pressure, separating the magnets. When pressure subsides, the magnetic pull will tension the screen while allowing for expansion and contraction of the screen as well as a screen/vinyl window insert combination during deployment of the screen and adjust accordingly to avoid hang up or jamming like a fixed track system.






**One screen. Multiple lines of defense.**

- Insect protection
- Solar protection
- Privacy
- Hurricane defense
- Beautiful in appearance
- No sagging screens
- Best in class
- Outperforms all others
- Approval code FBC#30798

Our screens offer year round protection from storms, insects, sun and glare, while providing the quality, durability and reliability you've come to expect from MagnaTrack Solar and Insect Screens.

Our patented system is built for unparalleled impact absorption, delivered by our MagnaTrack technology. At the push of a button, all Defender Screens can be controlled by a remote, smartphone or home automation system.

Defender Screens can be used 24/7 and 365 days a year.

A large, two-story house with a light-colored exterior and a red roof. The house features multiple balconies and large windows, all of which are covered with dark, roll-down hurricane screens. The house is surrounded by lush tropical landscaping, including palm trees and various shrubs.

**Our Defender System meets or exceeds Miami Dade and Florida building code requirements for roll-down hurricane screens.**





# Key Features & Benefits



### Made in USA

Hand made to your exact specifications in our world class facility in Sarasota, FL.



### Quality

We only use the finest quality materials and components built to withstand the most rigorous conditions.



### Value

Each system will enhance your outdoor living area and overall value of your home. Our screens will protect you and your home from harmful UV Rays and those pesky insects.





## Key Features & Benefits

Our exterior shade systems are the industry leader because of our high quality construction and materials. Each one of our shades is carefully crafted to your project specifications by an experienced team. It then goes through several quality control inspections during each process to ensure you're getting the best product.

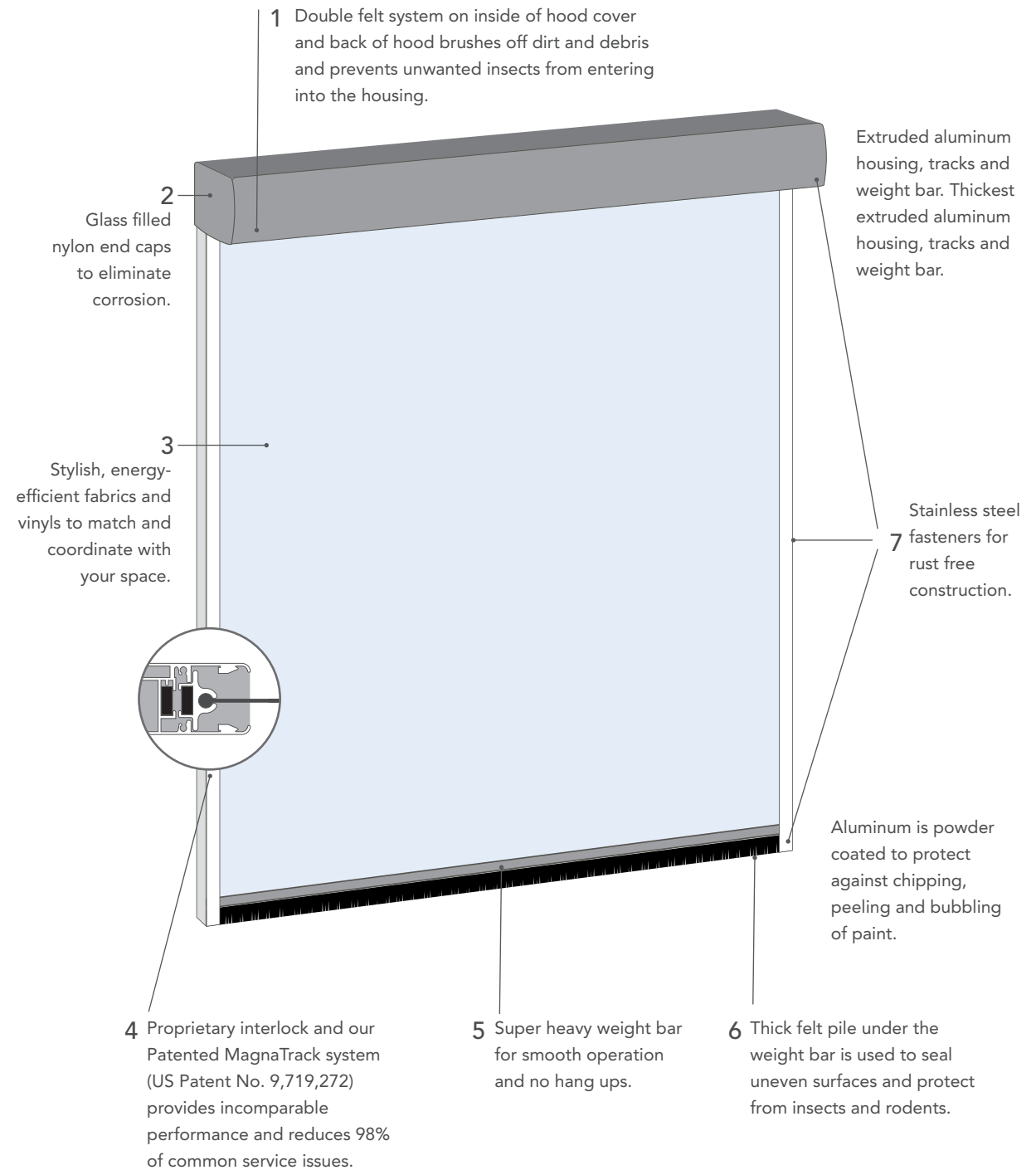
We can handle both commercial and residential applications with custom sizes up to 30 feet wide and 24 feet tall (limitations apply). We can easily install into new construction or retrofit applications for residential or commercial buildings.

Several types of remotes, hand-held and in-wall remotes are available for our systems to accommodate each unique situation. Units plug directly into 110 volt outlet so you don't have to worry about hard wiring or hiring an electrician.

Our Gaposa Motor has a built in triple obstacle detection which eliminates the worry of common rewrap situations. Together with our patented MagnaTrack system, this creates a fail proof motorized screen system. Somfy MyLink or Gaposa Roll Up App are available.

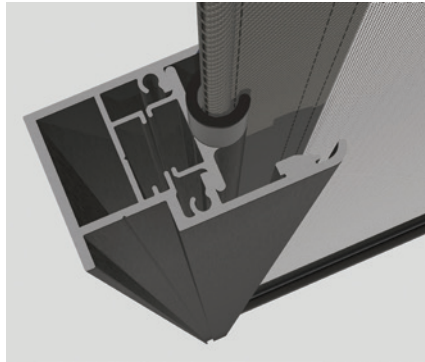


## Get to know our shade system



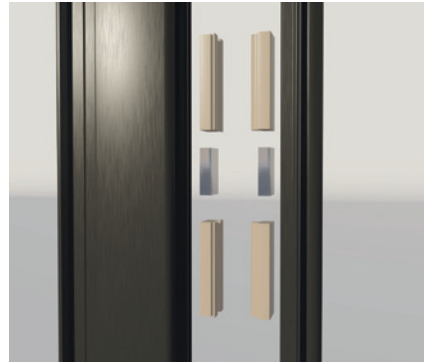


## Key Features & Benefits



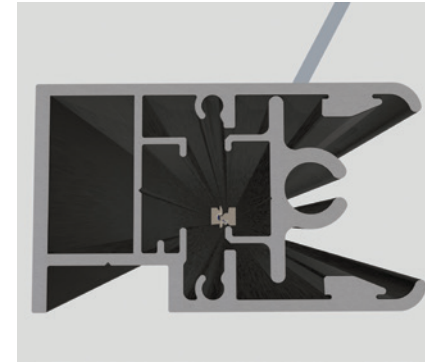
### Keder Interlock

MagnaTrack uses a continuous edge low friction interlock to secure the screen to the inner track (NO ZIPPERS) This combined with anodized aluminum provides effortless deployment of the screen.



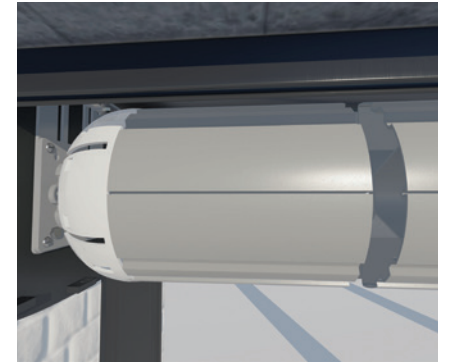
### Strongest Connection and Quiet Operation

Each inner track magnet has **75 lbs** of pulling force per set and an average total of 375 lbs of pulling pressure per track, that's **750 lbs per set**, compared to springs that average 3-5 lbs of force or rubber fins/foam that have NO retraction features. MagnaTrack has more than **10x the pulling force** of any other system in the market! Patent Pending.



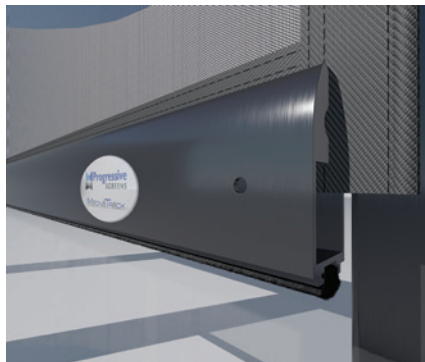
### Self-Adjusting Sidetracks

The free-floating inner track with Self-Adjust will prevent out of square openings, contraction of the fabric material, or bowing of the fabric material in windy conditions.



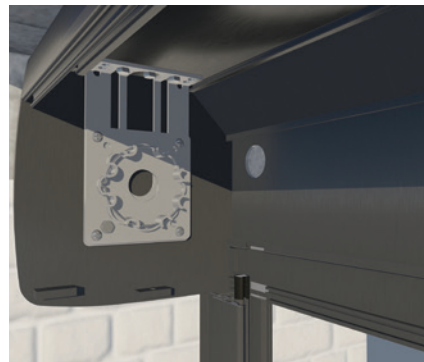
### Adjustable Roller System

Another innovation is our doughnut roller system. The adjustable ends can level the weight bar at the housing for a clean aesthetic appearance. Our new Petal Expander will allow for smooth stacking and reduce any edge wrinkles in the fabric. Patent Pending.



### Heaviest Weight Bar

MagnaTrack weight bar is the heaviest in the industry. The weight of the bottom bar is critical for deploying the screen system since gravity is the main factor of deployment. Our weight bar has end retention locks that keep the weight bar locked into the sidetrack housing.



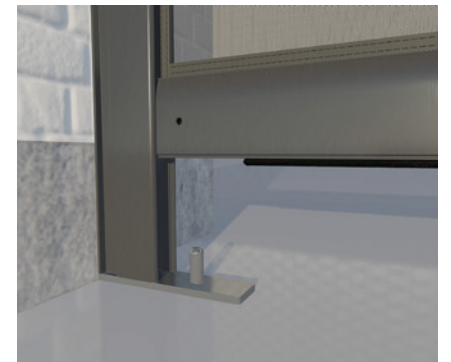
### Internal Housing Bracket

MagnaTrack housings incorporate aluminum brackets into the housing design that can be configured for Under Header or Face Mount applications. This ensures the strongest support internally for our roller system. The design is finished with color matched glass filled nylon end caps eliminating corrosion seen in competitive systems.



### Extruded Hood Design

MagnaTrack incorporates the most stylish and durable extruded housing in the industry. Engineered to accommodate wide spans without deflection. Transitional design with dual felt strips to ensure complete bug protection and containment.



### Optional Magnetic Lock

Optional magnetic lock down is available the reduces weight bar deflection. The weight bar comes standard with a 1 inch wool pile felt bottom brush to seal off the opening from pesky bugs. Patent Pending.



# Motors, Transmitters & Home Automation

## Sense Tubular Motors

with obstacle detection and automatic limit setting for roller screens

- Downwards sensitive obstacle detection
- 3 attempts to identify the physical obstacle before stopping
- Smart reaction to gusts of wind: stop/reverse and downwards again
- Overload protection upwards
- Soft touch and slight release at the up limit position
- Continuous fabric length compensation
- 3 setting modes: automatic, semi-automatic and manual
- Self-learning limit positions when set in automatic mode



## SHSM Super High Speed Motors

Electric encoded type with built-in radio receiver

- Runs at 90 RPM
- Easy limit setting via radio
- Secure 434.15 MHz radio transmission
- Easy set up of group controls
- Up and down directions synchronized while setting the limits
- Wireless connection with climatic sensors
- Noiseless soft brake
- Plug-in cable



## Emitto SMART LINE

Transmitters

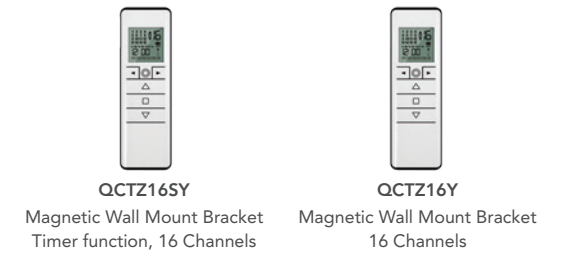
Emitto SMART LINE is the new range of portable and wall transmitters for the control of residential motorization. Emitto SMART LINE is flexible, expandable, simple to use.



## Emitto SMART16

Transmitters

16 channels for individual control, possibility to create and control 8 custom groups in addition to all channels. Hide unused channels.



## Emitto SMART K LINE

Transmitters

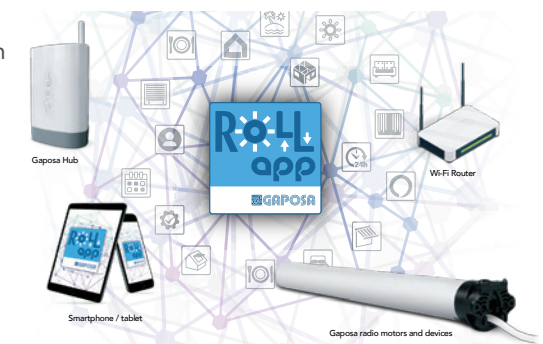
Elegant look, slim ergonomic design, soft touch surface.



## Gaposa Home Automation

Control up to 32 different Gaposa motorized products from the app, from anywhere

- Create as many rooms as you want, create up to 6 favorite rooms, easily accessed from the home screen
- Set limits from the app
- Synchronize motors with the app easily
- Set up to 10 schedules
- Schedules can utilize your location to set your shades to go up or down with the sun
- Light and dark mode options



## Gaposa 3rd Party Integration

via dry contacts with: Lutron, Savant, Control4, Creston

Panels with integrated transmitter enables to interface a radio motors with a home automation system. In this way, the home automation system will control the radio motor(s) through UP/STOP/DOWN signals.





# Screen vs Vinyl



## Solar & Insect



### Privacy

Our mesh is perfect for an added layer of privacy all while still enjoying a gorgeous day outdoors. For maximum privacy, day or night, color selections is most important. Lighter colors will reflect light and obscure view. Darker fabrics will provide best visibility day or night. Solar fabrics are available in 70%-97% UV blockage and privacy fabrics.



### Shading

Since our screens block harmful UV rays, cooling and energy costs are reduced even on the most sweltering summer days. Privacy fabrics block about 80%-100% of harmful UV rays and are available in many colors to suit your style.



### Insect Protection

Safeguard against insects while maximizing airflow through your space. Our 16/14 mesh is optimal for maximum air flow and to protect from flies and mosquitoes, or 17/20 for protection from those tiny insects or noseemus.

## Vinyl Screens



### Energy Savings

Our vinyl system allows you to control temperature and protect from weather elements in your outdoor space. In cooler climates, the system assists to keep the warmth in and the weather out. In hotter climates it's perfect for retaining cool air so you can enjoy your outdoor living space and extend your living area.



### Fabric Options

Enhance your patio or dining space with a customized look. Many color options are available for your border material to create the perfect combination that will expand your outdoor space for you and your guests.



### All Season Use

Make the most of your outdoor space by making it accessible year round. Our proven, customizable vinyl-system helps conditioned air slowly dissipate and contains heat generated by heating systems, creating an extended living area for you to enjoy all year round, hot or cold, rain or shine.



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## Residential

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- Live more.
- Use more.
- Enjoy More.

Maximize and extend your outdoor living area potential with our screen or vinyl systems. Garages, patios and decks become more livable during uncomfortable weather months and keep your space clean from debris and pesky insects all while protecting you and your belongings from harmful UV Rays.





## Residential Screen Systems

Make better use of your outdoor living areas by adding privacy and shading to keep cooler in warmer months.

Keep the pests out while you enjoy your outdoor living space.

Screens can be used as a projector screen for a movie night with friends and family.

Designed to withstand various weather conditions keeping your space free from debris.

Protect your home, family and guests from harmful UV rays while still enjoying the outdoors.

Made to your specifications to match your home's style and architecture.

Archways? No problem. These can be easily screened in while still maintaining their unique beauty.

Screens can be made 3'-30' wide and 3'-24' tall, (limitations apply) accommodating many openings.

Perfect for new construction homes or remodels.





## Residential Vinyl Systems

Enhance the functionality of the outdoor space by extending the usage of the area in all seasons.

Protect your outdoor living area from rain, wind and debris.

Multiple fabric options are available for the border around the vinyl windows that will let you design the perfect combination that will enhance your patio and dining area.

Energy-Efficient: it is proven that our vinyl system offers year-round benefits. It slows the dissipation of conditioned air and contains heat generated by heating systems, thus reduction the length of time normally need to run saving you money.

Our system is the only "wide span" full "end retention" system available up to 26' wide and 16' tall.

Easy to operate by remote control or integrated automation that allows control for the system from you table or smart phone using the My Link, Roll App or RTS Interface.





## Commercial

Give your guests a safe, comfortable option all year round. Perfect for outdoor dining areas, hotels, resorts, casinos or special event areas. Your guests will feel right at home.



After years of testing and safe operations, we are the preferred vendor for the world's top brands.





## Commercial Screen Systems

Our commercial screens are perfect for restaurant outdoor dining areas, hotels, resorts, casinos and so much more.

Keep the birds, rodents, insects out while your guests enjoy your outdoor space.

Designed to withstand treacherous weather conditions, keeping your space free from debris.

Screens add a layer of shading keeping your guests cool in the warmer months.

Made to your specifications to match any branding or themes you have.

Save money by covering multiple openings instead of purchasing individual screens.

Commercial screens can be made 26' wide and 16' tall, accommodating many openings.

Complete end retention system, no blow out, completely seal your outdoor space.

We currently outfit several restaurant and hotel chains nationwide.





## Commercial Vinyl Systems

Enhance your outdoor dining area and protect guests from pests and inclement weather, while still providing a great dining experience.

Expand the functionality of your space for year round use and quickly see a return on investment.

Designed to withstand rigorous weather conditions, keeping your space free from debris.

Keep the warmth in cooler months and keep your guests cool in the warmer months.

Made to your specifications to match any branding or themes you have to keep your guests in the right frame of mind.

Vinyl systems can be made 26' wide and 16' tall, accommodating many openings.

Available with clear or tinted vinyl windows.

No cables or pull outs.

Guaranteed performance.

Durable Quality.





## Customize Your System

With many options to suit your needs, you'll find exactly the style you want with the properties you need.

We have six classic standard extrusion colors that complement any style. If you're feeling more creative or need to match an existing frame, we can color match and create a custom color to your liking from our RAL selection.

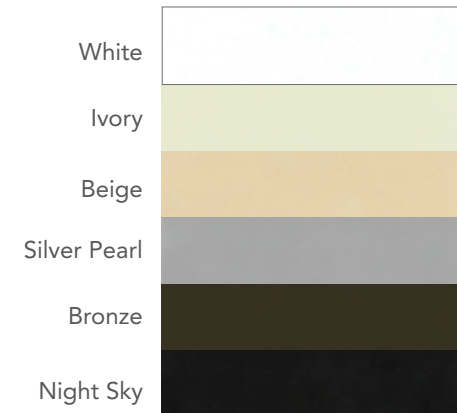
Our screens come in a variety of colors, textures and opacities. All of our screens provide high quality shade and protection to your space, so you can enjoy them worry free for years to come.

\* Please note that custom color extrusion pieces can extend delivery dates and come with an additional charge.

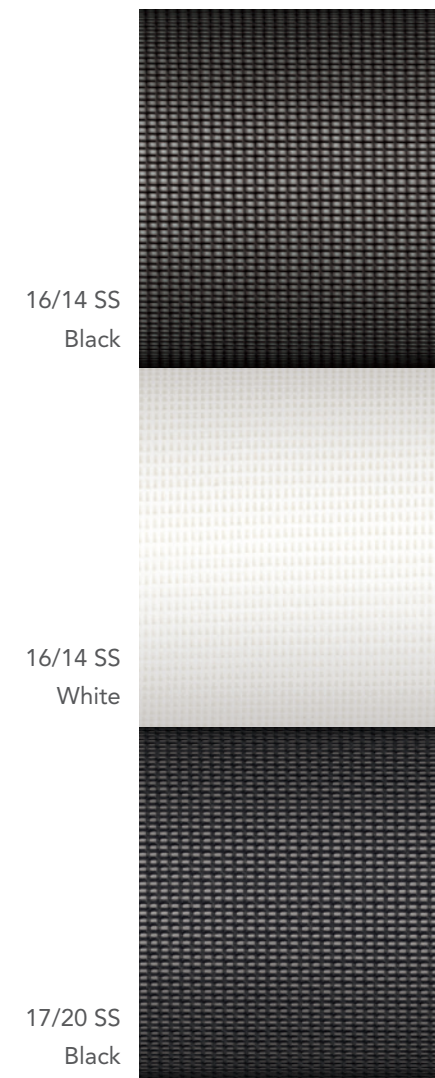
\*\* While we use the latest technologies to produce the swatches here in this brochure, due to variations in printing and materials, the colors represented here are subject to variations on actual products. Please use this as a guide. If absolute accuracy is needed, please contact us for a physical swatch.



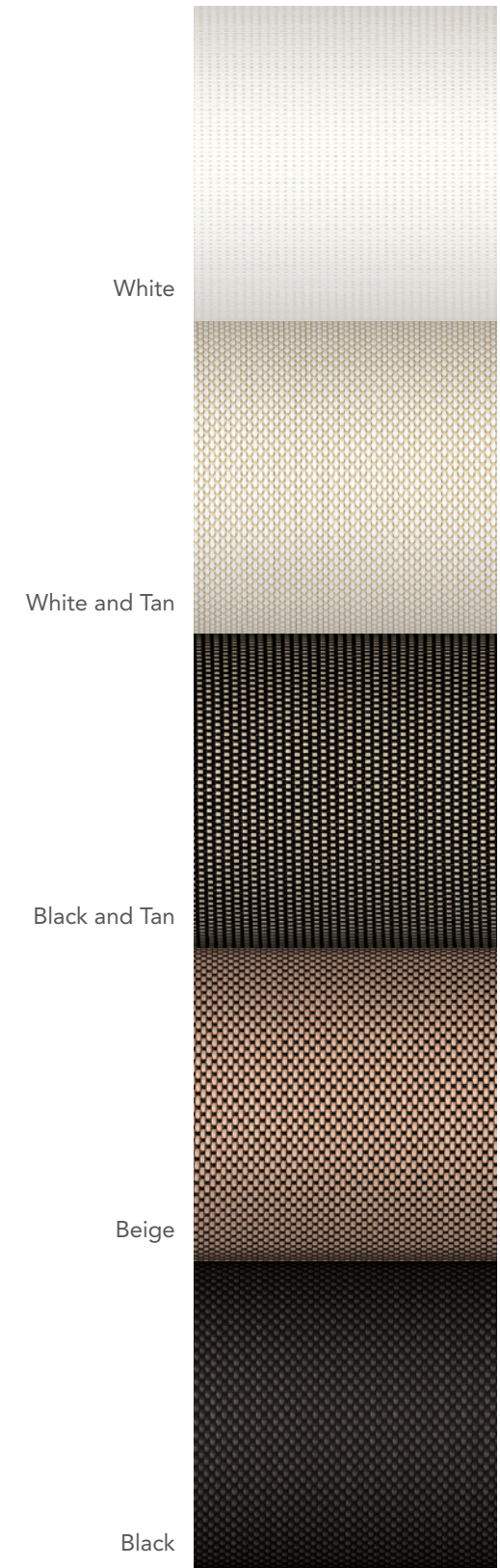
### Extrusion Colors



### Insect Mesh



### OmegaTex | Defender





Textilene 80/90

Textilene 95

Textilene 95 Nano

Textilene 97 Nano





# Strataglass Care & Maintenance

## Recommended Cleaning Products

IMAR Products

IMAR Strataglass Protective Polish

IMAR Strataglass Protective Cleaner

IMAR Yacht Soap Concentrate (or mild soap)

303 Clear Vinyl Protective Cleaner

DO NOT use Rain-X, Pledge or Plexus on your vinyl panels. It will dull the surface and present an orange peel effect.

DO NOT use cleaners, polishes, scratch removers or any other product made for UNCOATED VINYL. These will damage your vinyl panels.

DO NOT HANDLE VINYL WITH SUNSCREEN ON YOUR HANDS! This will permanently cloud the vinyl where handled.

NEVER use a wash and wax product on vinyl panels.

NOTE: Use of harsh cleaners, like Simple Green, glass cleaners with Ammonia or Orpine will dull the vinyl quickly. Using any other products will void the factory warranty.

## General & Routine Maintenance

We recommend using IMAR Strataglass protective polish or 303 Clear Vinyl Protectant or cleaner every 1 to 2 months.

Ensure the vinyl panel is free of abrasives and very light mist soft cotton cloth. Lightly and briskly buff dry with another clean cloth.

All new vinyl can easily get impressions. It is recommended new enclosures be left in place to the fullest extent possible. Vinyl seasons over time and becomes less impressionable. Roll all vinyl systems down and fasten in place nightly to keep a perfect appearance.

## Cleaning

Apply soapy water to the clear vinyl section of the vinyl with soft cotton cloths or mitt. Thoroughly rinse the soapy solution with fresh water and completely dry the vinyl with a high quality chamois. After washing, apply 303 or IMAR Strataglass protective polish sparingly with a small, light circular motion using a soft cloth. Allow the polish to dry and remove with a lean soft cotton cloth. Finally, lightly buff to a sparkling shine.

## Restoring

Some actual damage cannot truly be repaired. If 303 or IMAR Protective Polish cannot restore the clarity or shine, it may be time to consider replacing your vinyl.





## Limited Warranty on Progressive Screens Magnatrack Products

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

THE LIMITED WARRANTY CAN ALSO BE FOUND ONLINE AT [WWW.PROGRESSIVE SCREENS.COM/WARRANTY](http://WWW.PROGRESSIVE SCREENS.COM/WARRANTY).

WE WARRANT THAT, DURING THE WARRANTY PERIOD, THE PRODUCT WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP.

WE LIMIT THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, NOR ON THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. ACCORDINGLY, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

OUR RESPONSIBILITY FOR DEFECTIVE PRODUCTS IS LIMITED TO REPAIR/OR REPLACEMENT AS DESCRIBED BELOW IN THIS WARRANTY STATEMENT.

### WHO MAY USE THIS WARRANTY?

Defender Screens International d/b/a Progressive Screens located at address 7839 Fruitville Road, Sarasota FL ("we") extends this limited warranty only to the consumer who originally purchased the product ("you"). It does not extend to any subsequent owner or other transferee of the product.



### WHAT DOES THIS WARRANTY COVER?

This limited warranty covers defects in materials and workmanship of all PROGRESSIVE SCREENS MAGNATRACK PRODUCTS (the "product") under normal use for the Warranty Period as defined below.

### WHAT DOES THIS WARRANTY NOT COVER?

This limited warranty does not cover any damage due to: (a) your transportation or storage of the product; (b) improper installation or use of the product in a manner inconsistent with product instructions, including but not limited to use of the product in excess of standard operating conditions; (c) failure to follow the product instructions, (d) failure to follow the cleaning and maintenance instructions or to perform any preventive maintenance; (e) modifications or alterations; (f) unauthorized repair; (g) normal wear and tear; (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control, including but not limited to damage caused by acts of god or flying objects/debris; (i) negligent or intentional exposure of a product motor or other electrical components to water/moisture, (j) damage, including chalking, oxidization, erosion of paint, discoloration, or fading over time due to exposure to the elements (sun, wind, hail, fire, and water/moisture); (k) custom fabrics selected by customer (not included as part of the standard fabric options we offer), (l) damage to vinyl materials, including but not limited to yellowing, scratching or water stains, except for the welding/stitching (which is covered by this limited warranty) and (m) shipping charges, costs of removal, and reinstallation.

### WHAT IS THE PERIOD OF COVERAGE?

This limited warranty starts on the date of your purchase and lasts for the period referenced below (the "Warranty Period"). The Warranty Period is not extended if we repair or replace the product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

Warranty Period for Aluminum components = 15 years

Warranty Period for Electrical components (excluding motors) = 2 years

Warranty Period for Electrical motors = 5 years

Warranty Period for standard Screen materials = 10 years

Warranty Period for welding/stitching of vinyl materials = 1 year

### WHAT ARE YOUR REMEDIES UNDER THIS WARRANTY?

With respect to any defective product during the Warranty Period, we will, in our sole discretion, either repair or replace such product (or the defective component or part) free of charge. We will also pay for shipping and handling fees to return the repaired or replacement product to you if we elect to repair or replace the defective product.

### HOW DO YOU OBTAIN WARRANTY SERVICE?

In order to obtain warranty service, you should first contact the authorized dealer or retailer from whom you purchased the product, or you may call us directly at 866.802.0400 or email us at [Warranty@progressivescreens.com](mailto:Warranty@progressivescreens.com). Approved warranty repairs and/or replacements will be handled by our authorized dealers.





[progressivescreens.com](http://progressivescreens.com)

866.802.0400