



Member of
Roto Group

COMPANY & PRODUCT GUIDE



Ultrafab's is a global leader in high quality pile and extruded sealing products for the window and door industry.



ULTRAFAB INC.

Mission Statement

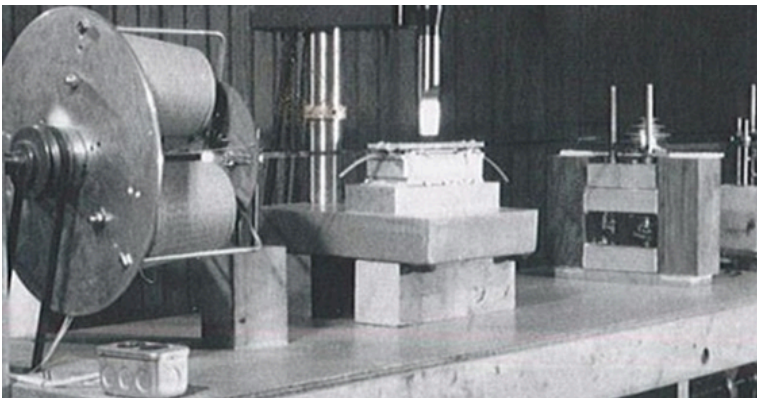
Uphold our position as a global leader of high quality innovative brushes and extrusions for sealing, cleaning and more. Sustain a financially sound business that provides opportunities for our employees and customers. Utilize resources wisely and be a positive member of the communities in which we operate.

Strategic Principle

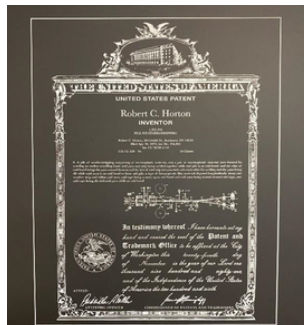
Global Leader Supplying OEMs With High Quality Innovative Brushes and Extrusions utilized for Sealing, Cleaning and More.

Quality Policy

Ultrafab is committed to achieving the level of excellence that continuously ensures the mutual success of our customers, employees and partners.



LEADING IN VISION AND TECHNOLOGY



Active Patents: 18
Active Trademarks: 23

OUR SUSTAINABILITY MISSION

Along our entire value chain, we stand for social and ecological sustainability. In doing so, we constantly interact with our customers and partners and thus develop sustainable product and service solutions in our markets.

We can only achieve all this together with all the people at Ultrafab/Roto. For this purpose, we create the conditions for a sustainable transformation of the entire corporate group through an appreciative and attractive working environment.

Sustainability at Roto > Mission & Strategy

Responsibly structured

With the Sustainability Board, we have created a centralised body consisting of the Executive Board, management and sustainability officers to manage the implementation of our sustainability strategy. Structures have been established in the divisions to integrate sustainability as a core value in all processes. Individual project groups have been set up whose task it is to consistently pursue the sustainability goals and their implementation.

Today.
Tomorrow.
Roto.

Customer-centered solutions

We create sustainable and provable benefits - safe products for the processor, the customer and the environment. In their field of application, we create provably long-lasting products. Product quality is ensured throughout the value creation process and product life cycle.

Engaged and efficacious employees

The basis of our success is a safe, appreciative and attractive working environment in which we promote individual strengths and continuously develop our diverse workforce. In doing so, we are committed to equal opportunities.

Wide-ranging climate and environmental protection

We design our production, operations and logistics processes to be energy-efficient and ensure that our raw materials are manufactured in a climate- and environment-friendly way. Along our value chain, we are committed to the careful use and recycling of resources, and in this way promote the path toward a circular economy.

Conscientious corporate governance

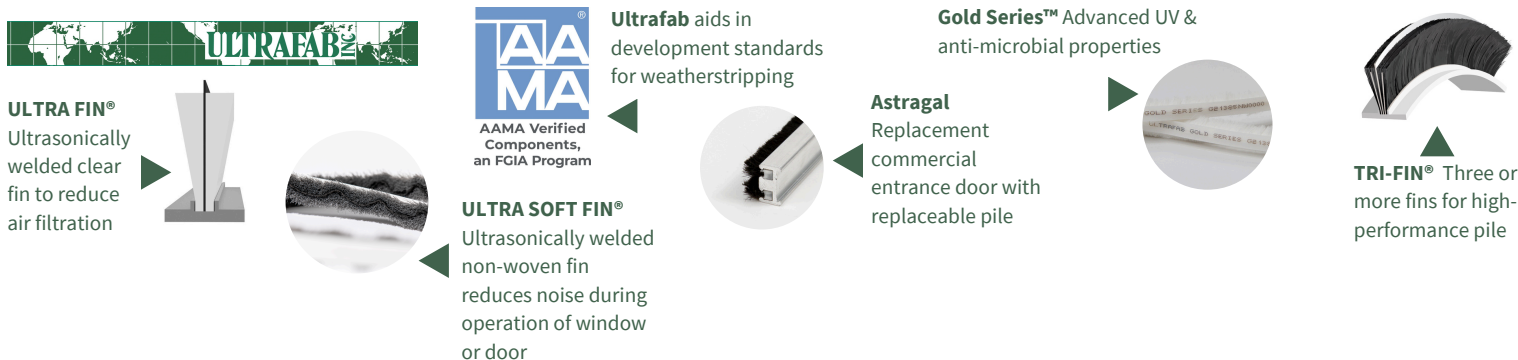
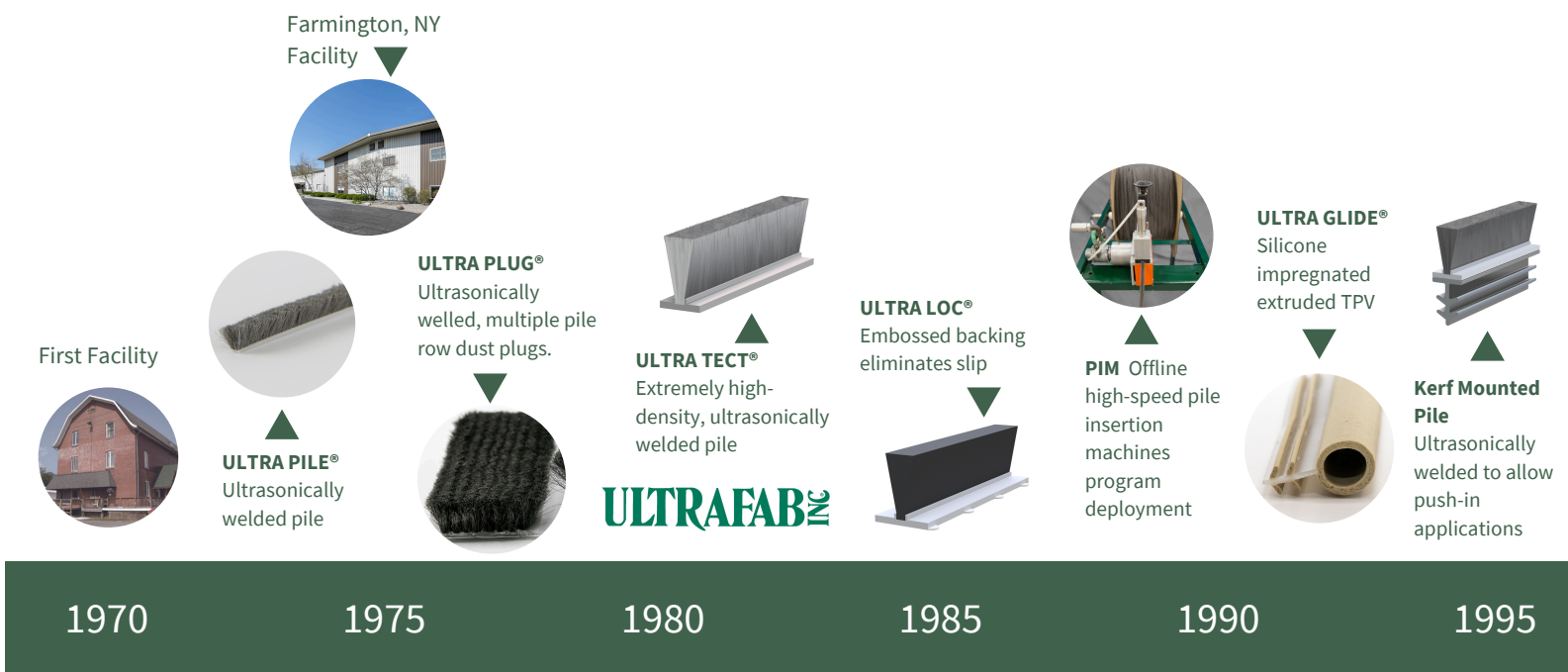
Our value framework forms the basis for responsible business practices. In this way, we create a climate of mutual trust by ensuring transparency and cooperation. We are committed to maintaining our integrity, complying with all applicable laws and ethical standards, and therefore seek continuous dialogue with our employees and suppliers to drive sustainability in the sector and meet our customers' needs.

ABOUT US

The humble beginnings of Ultrafab started in 1966 when Robert Horton was a commissioned representative for Branson Ultrasonics. His vision was not only to sell ultrasonic equipment, but to develop products and equipment using this new technology—leading to the founding of the R.C. Horton Company. During this time, he also experimented with an ultrasonic welder lent to him by Branson in his basement. This is where the idea of ultrasonically welded pile weather-strip was born. In 1970 Mr. Horton

moved to the second floor of a railroad car in Victor, NY to build a proof of concept machine on a six-foot wooden bench. The machine successfully produced an eighteen-inch sample of pile weather-strip. With sample in hand, and a great deal of enthusiasm, Mr. Horton secured a bank loan and Ultrafab was born. For those who always wondered where the name Ultrafab came from or what it stood for—Ultra is short for Ultrasonics and Fab short for fabrication.

During the 70's and 80's Mr. Horton advanced the use of ultrasonic technology further. He deployed one of his unique ultrasonic processes to manufacture a critical component for the imaging industry that dominated the Rochester area during that time. This product led to his winning the supplier of the year from a large OEM partner, establishing Ultrafab's Specialty Products division. In November of 1981 Mr. Horton was awarded the first of many



**Ultrafab holds numerous patents protecting many of the products listed here.



patents related to the manufacture of Pile Weather seals. Carrying along Mr. Horton's legacy, Ultrafab has spent the last five decades dedicated to deploying cutting edge technology, resulting in accelerated growth and recognition as a major supplier of high quality, innovative and energy efficient seals for the fenestration and OEM markets. Registered as an ISO 9001:2015 certified organization, Ultrafab recognizes the importance and value in streamlined processing and quality of products.

Having celebrated our 50th anniversary in 2020, we remain a family-owned entity, all while becoming a global leader of weathersealing products. During this time, Ultrafab has introduced innovative products to the market, and while some are no longer offered, new products have taken their place. Our drive toward excellence has never ceased. Ultrafab's headquarters is now located in Farmington, NY, just down the road from its roots in Victor, NY. Expansion over the last five decades includes manufacturing facilities

in South Carolina and Kansas, strategic partnerships in Japan and Spain, and stocking distributors around the globe. Ultrafab's current comprehensive line of innovative sealing products exemplifies how Bob's innovative spirit is still deep-rooted in the organization today.

Angle Pile

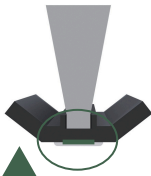
Ultrasonically welded monofilament based pile - locks into screen mesh



KANSAS FACILITY



SOUTH CAROLINA FACILITY



ULTRA FILL® Pile with dual durometer backing for no-slip applications



ENVIRO pile™
Waste Stream Elimination Initiative

A green option in pile seals



ULTRA CELL® MicroCellular thermoplastic foam seal - leads the industry in compression set, weatherability and color stability.



ULTRA BEND® w/fin Addition of a center fin to the ULTRA BEND® dustplugs, mitigates even more water and air out from uneven surfaces.



2000

2005

2010

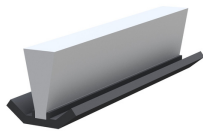
2015

2020

Future



OPIS Online pile insertion technology for extruders



ULTRA PRO® Precision radius on backing for consistent insertion into extruded or pultruded lineals

CORPORATE



Certified Quality Management System
ISO 9001:2015



ULTRA BEND® Adhesive backed flexible-based dust plug allows the sealing product to fit firmly and permanently over uneven surface areas.



Creation of Kitted Lab Technologies® - Ultrafab creates a division to service the bio medical community with customer kitted lab solutions

**Ultrafab holds numerous patents protecting many of the products listed here.



Member of
Roto Group



OUR COMPANY & PARTNERS

Click to location for details.



ULTRAFAB INC. / Roto



Manufacturing

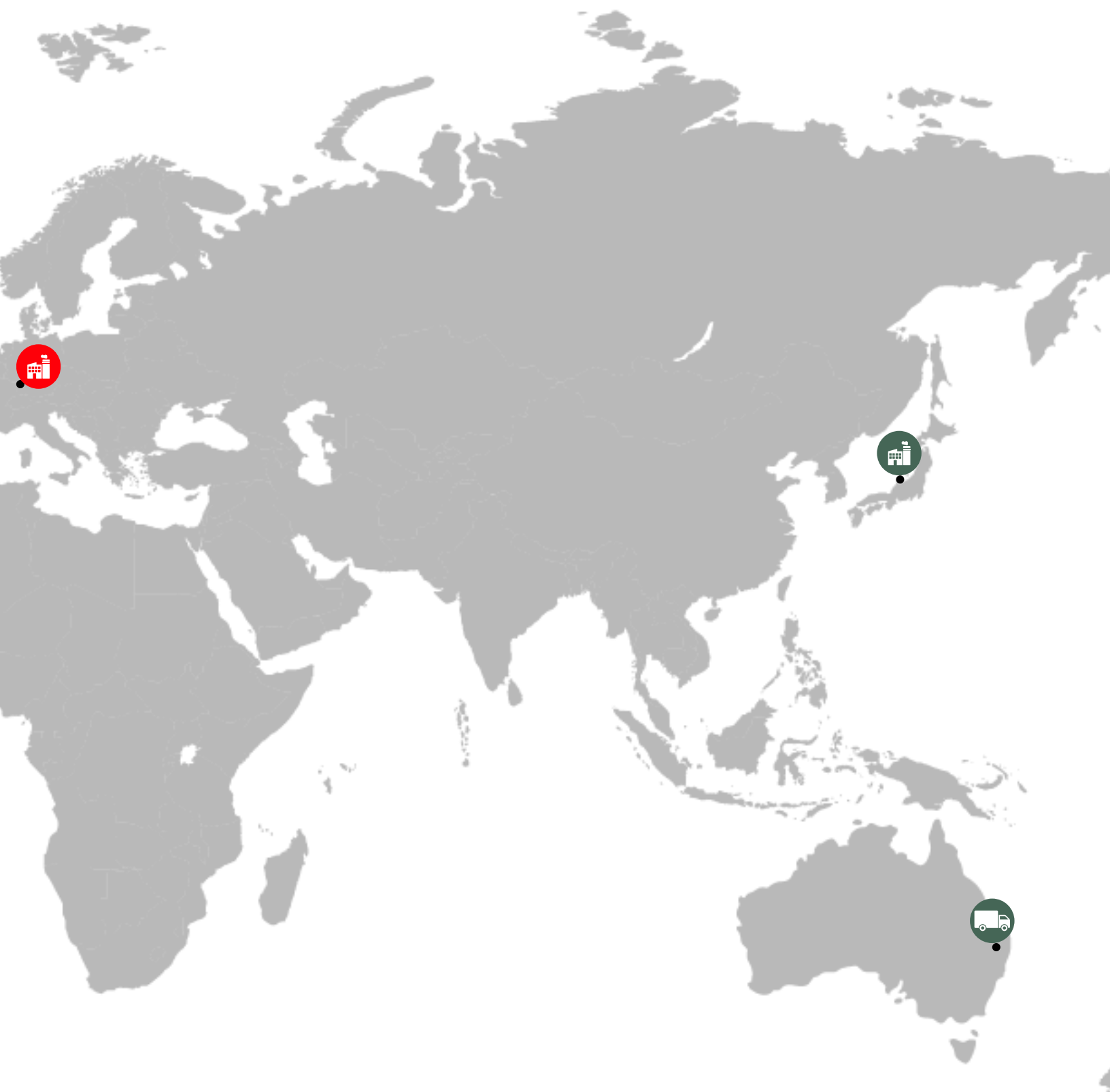


Distribution



Warehouse





MARKETS SERVED

Our products are a vital part of sealing, dampening, and facilitating smoother movement throughout many industries. Our seals are built into the design and function for product longevity.



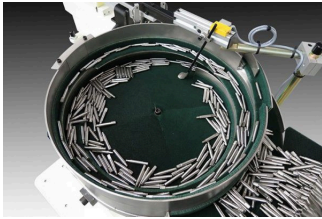
CLICK each image
to see which seal
can be used.



Windows & Doors



Pneumatic Tubes



Vibrating Feeder Bowls



**Roll Shutters,
Shade Systems**



Industrial Lighting



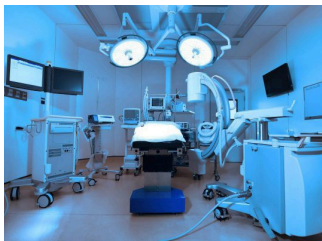
HVAC Applications



Agricultural Applications



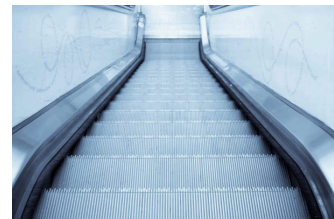
Office Equipment



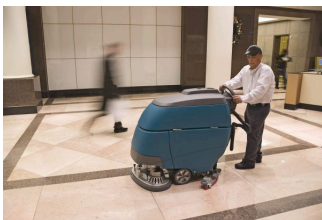
Medical Applications



Transportation Applications



Escalator Brushes



Industrial Cleaning Machines



Pet Care Industry



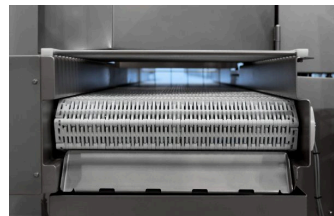
Networking Applications



Home Consumer Products



Security/Overhead Doors



Conveyors/Movement Brush

CUTTING EDGE TECHNOLOGY

Taking Fenestration Products to Higher Performance Levels

ULTRA CELL®



*T-slot backing

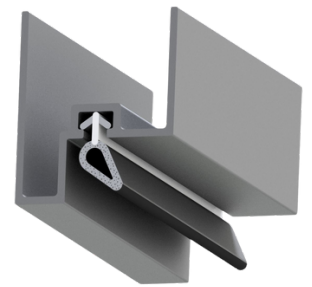
Micro Cellular Foam material is the best overall performance weatherseal. Extremely low end to end shrinkage. Foam can be solid or hollow based on closing force requirements.

Patent pending, micro-cellular foam offers industry leading compression set resistance.

ULTRA CELL® tests show the lowest loss of functional height overtime.



*Side t-slot backing



*Flap seal with push in backing



*F250 1" Horizontal Bar
Bottom Seal

***Ideal for Retractable
Storm or Security
Shutters.***



Click [here](#) for all
standard ULTRA
CELL® standard
offerings



ULTRA BEND®

Flexible backed dust plug seals. Eliminates “rise” that could occur with rigid-based plugs due to flexible base combined with superior adhesive options

Proper fit on uneven surfaces (i.e. welded corners and pockets

Thinner backing allows for additional pile for sealing tight gaps and reducing operating forces.



***with center fin**

NEW

Laser Cut Technology

Internal cutouts allows for sealing around protruding hardware. Die Cut, counter sunk holes, or through holes offered.



ULTRA NYLON®

INDUSTRIAL AUTOMATION BRUSH

Common Product Features

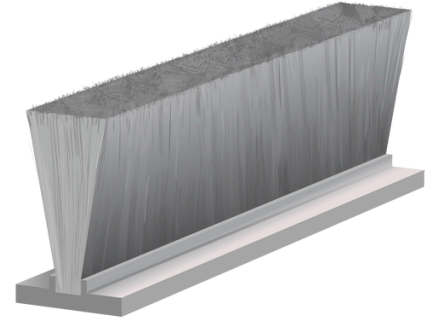
- Various brush heights and widths
- Static Mitigation
- Filament Diameter and Density Options
- Cut to Length or Secondary Processing Options

Commonly used as a 3M Brushlon® replacement.

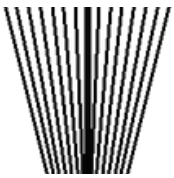


PILE WEATHER-STRIP

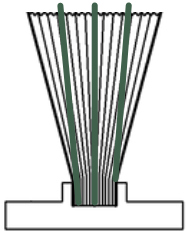
The elements of our ultrasonically welded pile weather-strip are what sets it apart from all others in the industry. Built with the customer in mind, we offer a variety of brush heights and thicknesses, backing options, and colors to meet specific application requirements.



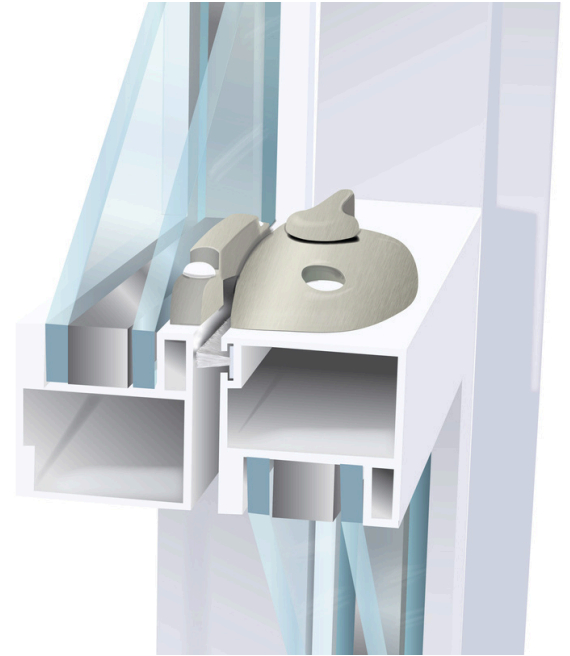
UV & Proprietary additives aide in further longevity of our products.



The density of the pile refers to the overall thickness of the brush filaments. Making adjustments to the brush density addresses operational force needs.

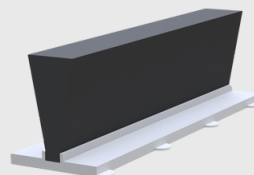


The addition of a fin in the product provides a solid air & water barrier with the application. Our fin options range from single to multiple fin configurations and include color matching options for esthetically pleasing results.



Product Options

By offering a number of support and material options, we can further solve the specific needs of manufacturers and extruders.



***Ideal for
fabricator level
insertion.**

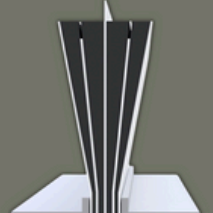
ULTRA LOC®

Micro tabs built into the construction allows for added locking power in extrusion.

Multi-Fin Pile Weatherstrip

High Performance results for residential , commercial, and architectural applications.

Fins provide additional barriers without adding too much friction

	Internal TRI-FIN® ▪ Aesthetically pleasing with the three fins inserted within the pile fibers ▪ Designed to promote ease of insertion ▪ Center fin .030" above pile, outside fins in compression range ▪ Reduced operating forces and quieter operation ▪ Encapsulated fins promote superior sealing and compression set resistance	
	FIVE FIN® ▪ Additional sealing points. Excellent choice for sound abatement or acoustical applications. ▪ Aesthetically pleasing with the three fins inserted within the pile fibers ▪ Designed to promote ease of insertion ▪ Center fin .030" above pile, outside fins in compression range ▪ Reduced operating forces and quieter operation ▪ Encapsulated fins promote superior sealing and compression set resistance	

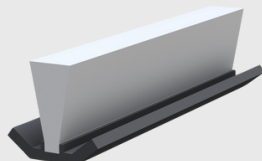
Air infiltration reduced by 25% from a single finned product.

- Designed for severe and extreme weather conditions..
- Direct exposure to sunlight
- Coastal exposure in hot and cold
- High humidity installations
- Northern exposure in snow-belt regions



ULTRA PRO®

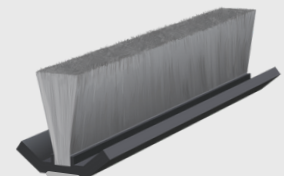
Designed to allow three points of contact with a t-slot channel.



***Ideal for extruder level insertion.**

ULTRA FILL®

Addition of hot melt bottom layer, fills the space and locks the backing in the channel.

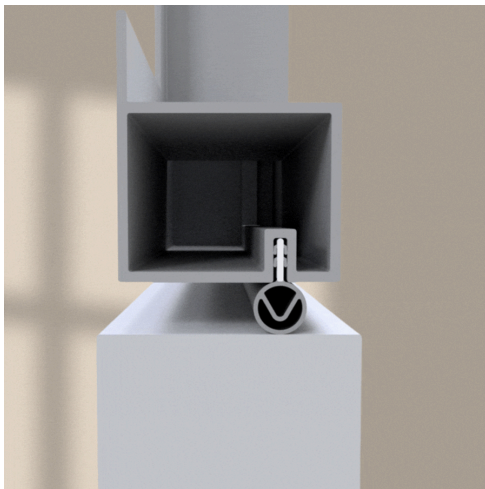


***Ideal for extruder level insertion.**

EXTRUDED SEALS

Custom extruded components can be manufactured in multiple shapes and sizes to fit any application. Ease of insertion with both t-slot and push in backings.

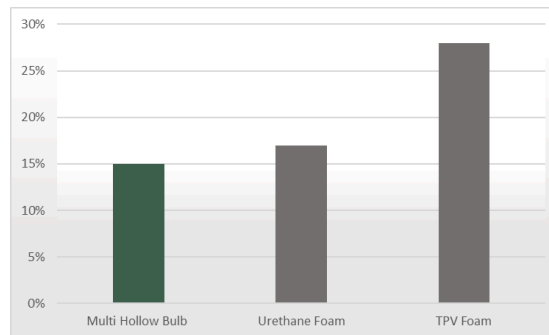
Physical stability with unmatched adhesion between the TPV bulb & the polypropylene base



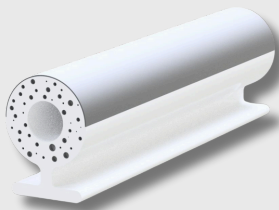
Excellent compression set resistance and low closing forces

Multi Hollow Bulb

Two chambers improve thermal and sound abatement properties. Designed to reduce loss of functional height over the life of the seal. Consistent predetermined closing force.



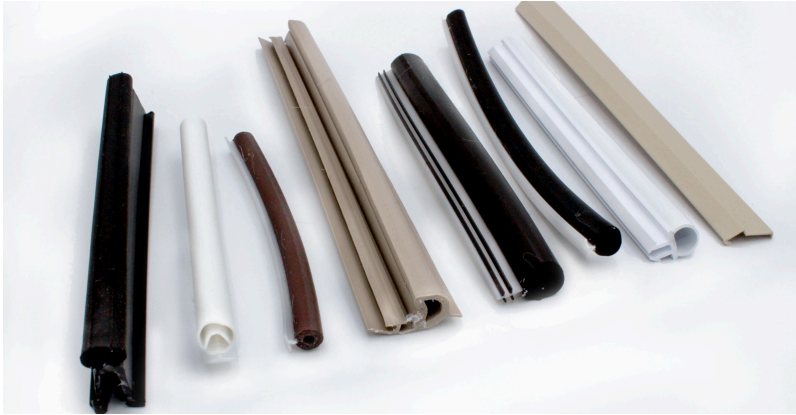
Lowest loss of functional height after cycling



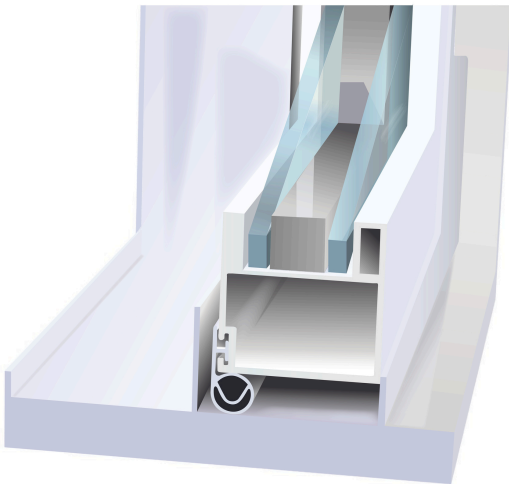
Product Options

Incorporating our **ULTRA GLIDE®** exterior slip coat feature on select surfaces. This new technology allows for an EXTREMELY low co-efficient friction surface.

Ultrafab has the ability to process a wide variety of materials with wide range of physical, mechanical, and chemical properties.



Excellent weatherability, UV resistance and chemical resistance.



Black
Standard White
Artic White
Colonial White
Cream White
Standard Tan
Clay
Burnt Tan
Cocoa
Earth Brown
Standard Brown
Grey

UCX Color Chart

All standard Ultrafab weatherseals are listed on the FGIA/AAMA verified component listing have achieved a Class A rating.



Flexible, versatile pile on a **kerf-mount base**.
Has the ability to conform to a wide range of gaps and attachment requirements.
Commonly used in wood framed windows.



SPECIALTY SEALS AND BRUSHES

There is no standard sealing system that works for all products, so Ultrafab's specialty products division provides innovative and timely solutions for a broad variety of applications.

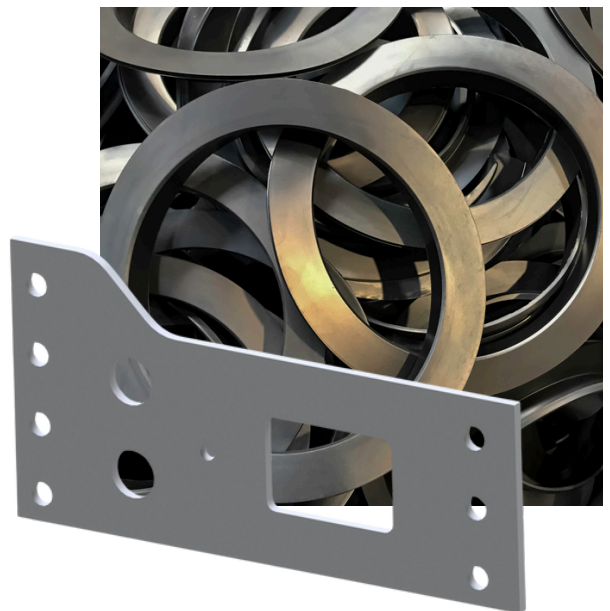
With a wide range of sealing products at various price points, we can work with you to develop the most cost-effective solution for your applications needs.



Q SERIES

This robust skirting seal product line is designed to meet the demands of commercial applications. Sealing out dirt, water, and air in high traffic situations.

Ultrasonic welding
eliminates breakage
over time.

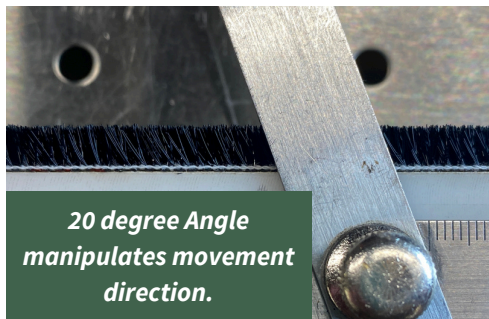


DYE CUT GASKETS

From custom door seals to other applications, we can design seals specifically for elimination and reduction of airborne containments to control a processing system or to protect inner workings of equipment.



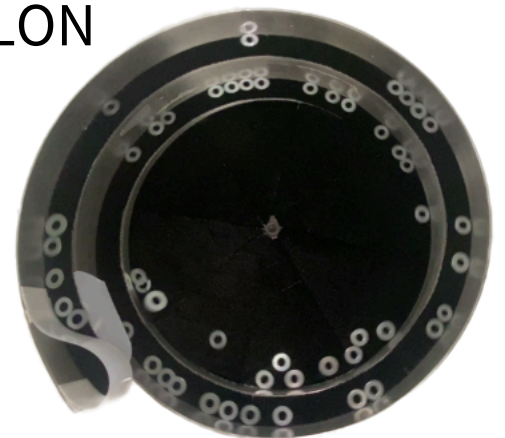
Eliminate vibration damage and noise with customer designed brushes by Ultrafab that are easily incorporated into OEM applications of all types.



NEW **AngleOn™** ANGLED ULTRA NYLON

Ultrafab's NEW AngleOn™ technology is the most durable, efficient brush solution for vibratory movement applications.

Incorporating AngleOn™ on the surface of vibratory conveyors or feeder bowls significantly enhances operational efficiency. This innovative material allows parts to glide more smoothly across the surface, facilitating faster movement than rubber or canvas coverings. Moreover, AngleOn™ helps dampen the noise typically associated with these processes, creating a quieter and safer working environment.

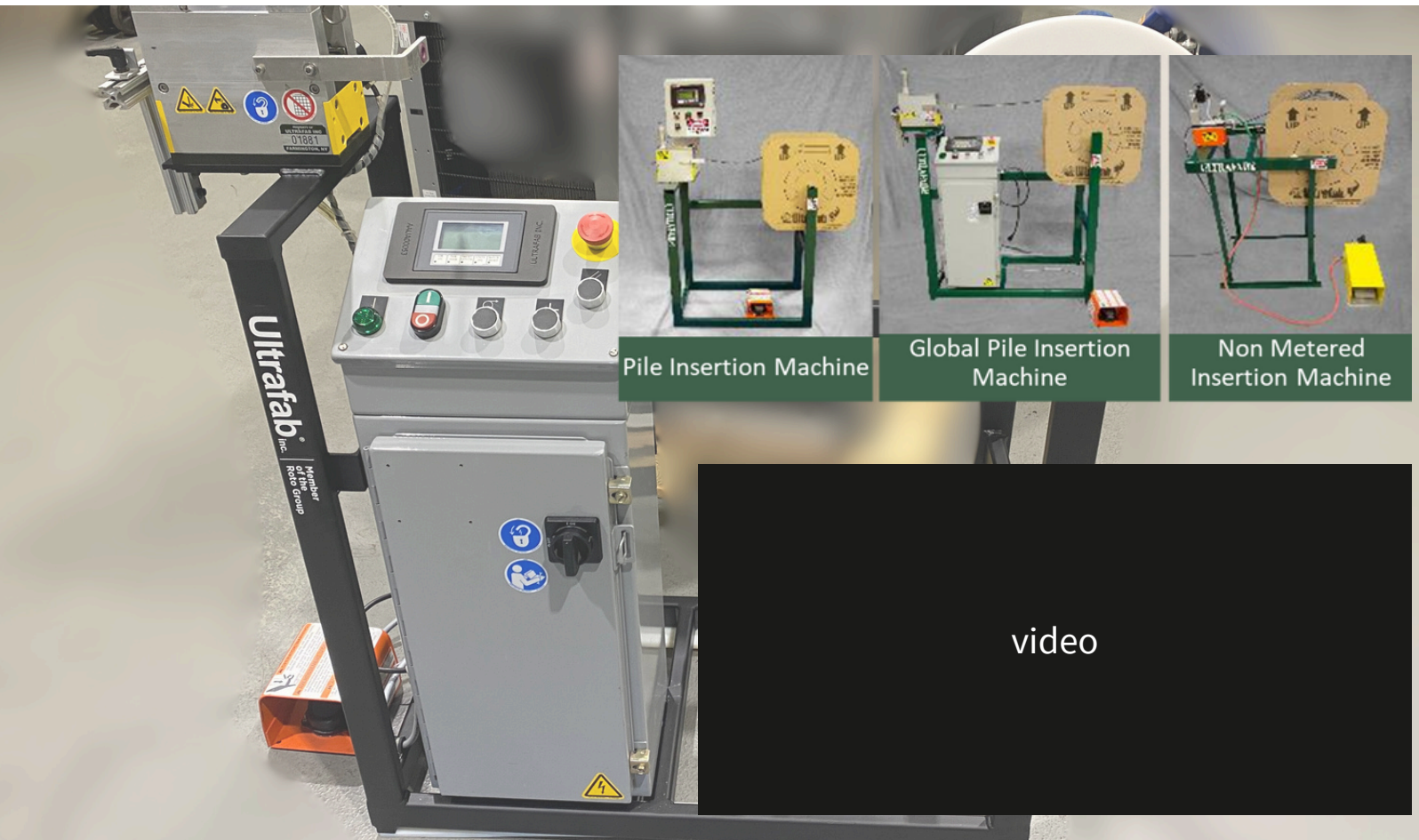


VALUE ADDED SERVICES

Insertion Machines

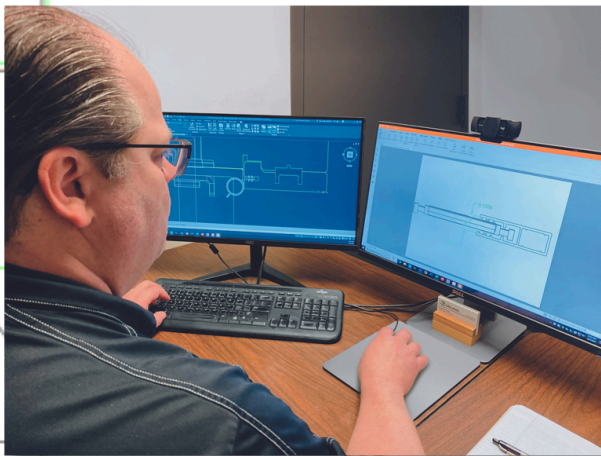
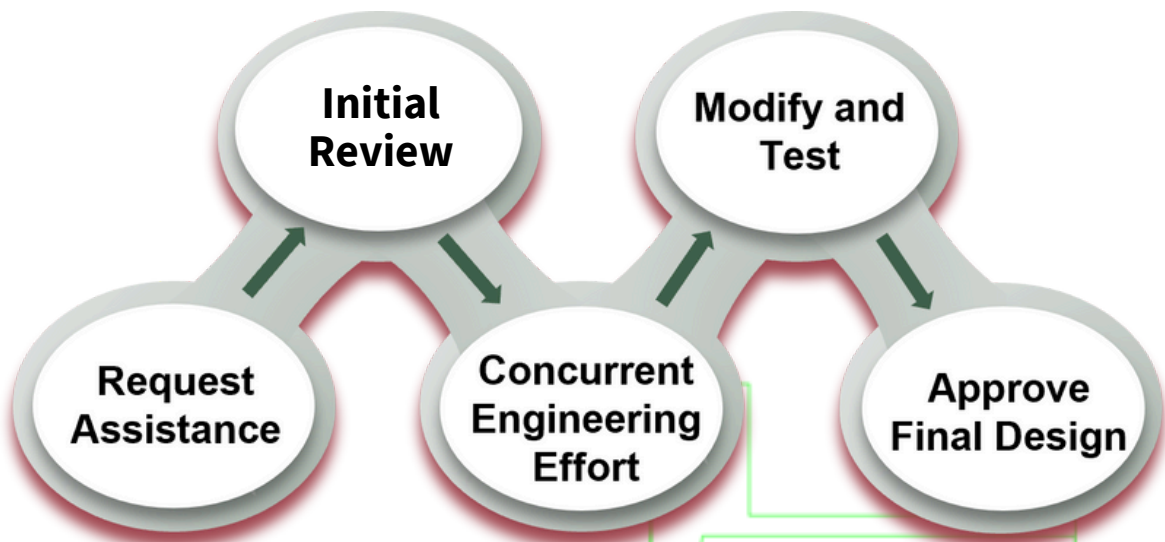
Metered Insertion Machine - Designed to insertion of weatherstripping at point of fabrication

- Up to 70% increased productivity
- Customizable
- Never over-run
- Programmable
- Automatic Cutter
- Built-in safety features
- Training and Technical Assistance



CUSTOM DESIGN CAPABILITIES

We'll put you in contact with a specialized Product Manager, then review the design and create a prototype, sample, or mock-up. Then we will test and deliver your customer specialty product within your timeline.



***Professional engineer support**

CLICK HERE

**FOR CUSTOM
PRODUCT HELP**