



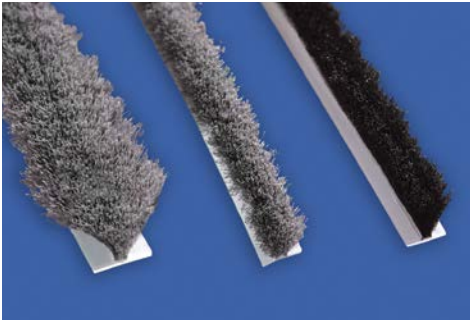
OEM *Solutions*

HEALTH CARE &
LIFE SCIENCES



INNOVATIVE ENGINEERED PRODUCT SOLUTIONS

BRUSH SEALS



Designed specifically for reduction of airborne contaminants, moisture and debris to protect against external operating environments. Additional features include:

- Gold Series anti-microbial pile seals
- Outside, inside or multiple fin placement for increased sealing capability
- Various densities allow for reduced friction and optimal compression

Applications

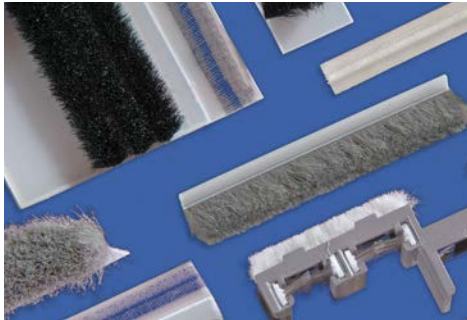
- Light reduction seals for medical imaging
- Clean room entryway seals
- Optical lens wipers

Materials Available

- Polypropylene
- Nylon



CUSTOM BRUSHES



Custom welded brushes can be manufactured in complex geometries to form fit into any design which results in overall cost reduction and ease of assembly. Additional features include, but not limited to:

- Step pile provides various heights on the same brush
- Variable density angled and/or bundled fibers
- Camber notching for increased lateral flexibility on complex curves
- Custom roller brush configurations

Applications

- Applicator brushes for pharmaceutical processing
- Blinder brushes for sliding LED displays
- Thermal barriers and cable pathway seals for mobile components

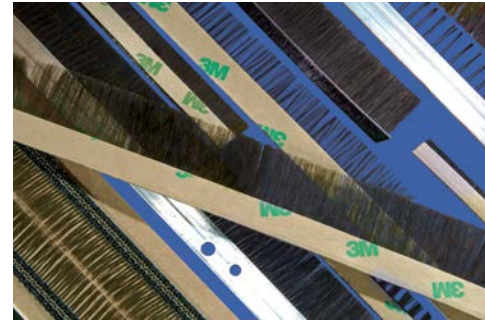
Materials Available

- Polypropylene
- Nylon

MOUNTED SEALS

Custom mounted configurations are used to increase through-put, reduce costs and minimize the need for additional parts. Our design team work to integrate our components; which enable our customers to focus on theirs.

STATIC ELIMINATION BRUSHES



Static charge build-up in electronic devices can cause product failures and extensive damage. Ultrafab provides both contact and non-contact ESD brushes to meet a wide range of applications. Additional features include, but not limited to:

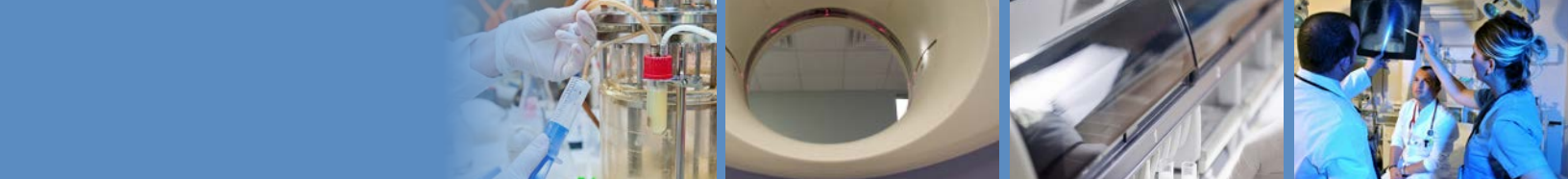
- Conductive or non-conductive adhesives can be applied to one or both sides
- Integrated conductive wire for increased grounding performance
- Assembled with aluminum or plastic bracketing for additional mounting
- Woven backed technology with mounting holes can be used to eliminate addition bracketing requirements

Applications

- Low friction light shields for medical imaging
- Static elimination for processing or dispensing applications

Materials Available

- Acrylic
- Stainless Steel
- Carbon



EXTRUDED COMPONENTS



Custom extruded components can be manufactured in multiple shapes and sizes to fit any application. Additional features include, but not limited to:

- Low friction polyethylene fabric wrap
- Integrated magnetic strip for added sealing performance
- Multiple kerf mounting configurations.
- Design specific profiles utilizing multi durometer technology
- Available in standard t-slot, kerf mount and leaf seal configurations
- Slip coat additive provide reduced friction
- Integrated with brush technology to provide added value

Applications

- Compression seals for cabinet enclosures
- Low friction drawer slide assemblies.
- Edge trim and clip covers for wire way assemblies
- Medical grade tubing

Materials Available

- Polypropylene
- Flexible & Rigid PVC
- TPE

SINGLE USE KITS



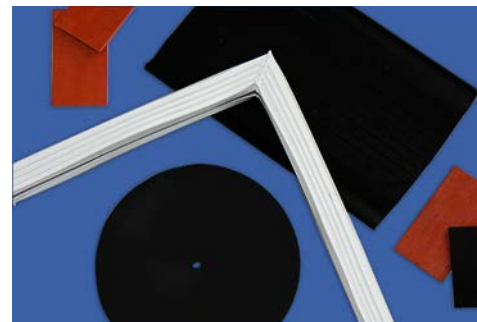
Single use kits provide non-sterile components packaged ready to autoclave. Ultrafab sources high quality components to develop kitted assemblies to meet each customer's specific demands.

- Reduces labor costs so that those highly trained individuals do not lose time during costly set-ups
- High quality components reduces errors, improving production efficiencies
- Improved safety — no in-house kit fabrication requiring cutting and repetitive assembly of difficult connections
- Ultrafab is able to prototype small quantities up through large volumes
- Reduces time to market by improving overall lab production throughputs

Typical Components

- **Tubing:** Masterflex®, Pharmed®, platinum cured silicone, TPEs and PVC
- **Clamps:** Clip, snap on and screw
- **Connectors/fittings:** Snap fit, push on, barbed, quick disconnect, Luer, swabable valves
- **Filters:** All types

RUBBER & FOAM GASKETS



Rubber and foam materials are available in various densities and thicknesses, and can be die cut to any custom profile. Additional features include, but not limited to:

- High temperature compounds available
- Solid and sponge rubber, closed and open-cell structures
- Rubber or acrylic based adhesives
- Custom laminating of multiple compounds

Applications

- compression seals for cabinet enclosures
- Acoustic/anti-vibration pads for panels
- Heat shielding to control thermal displacement

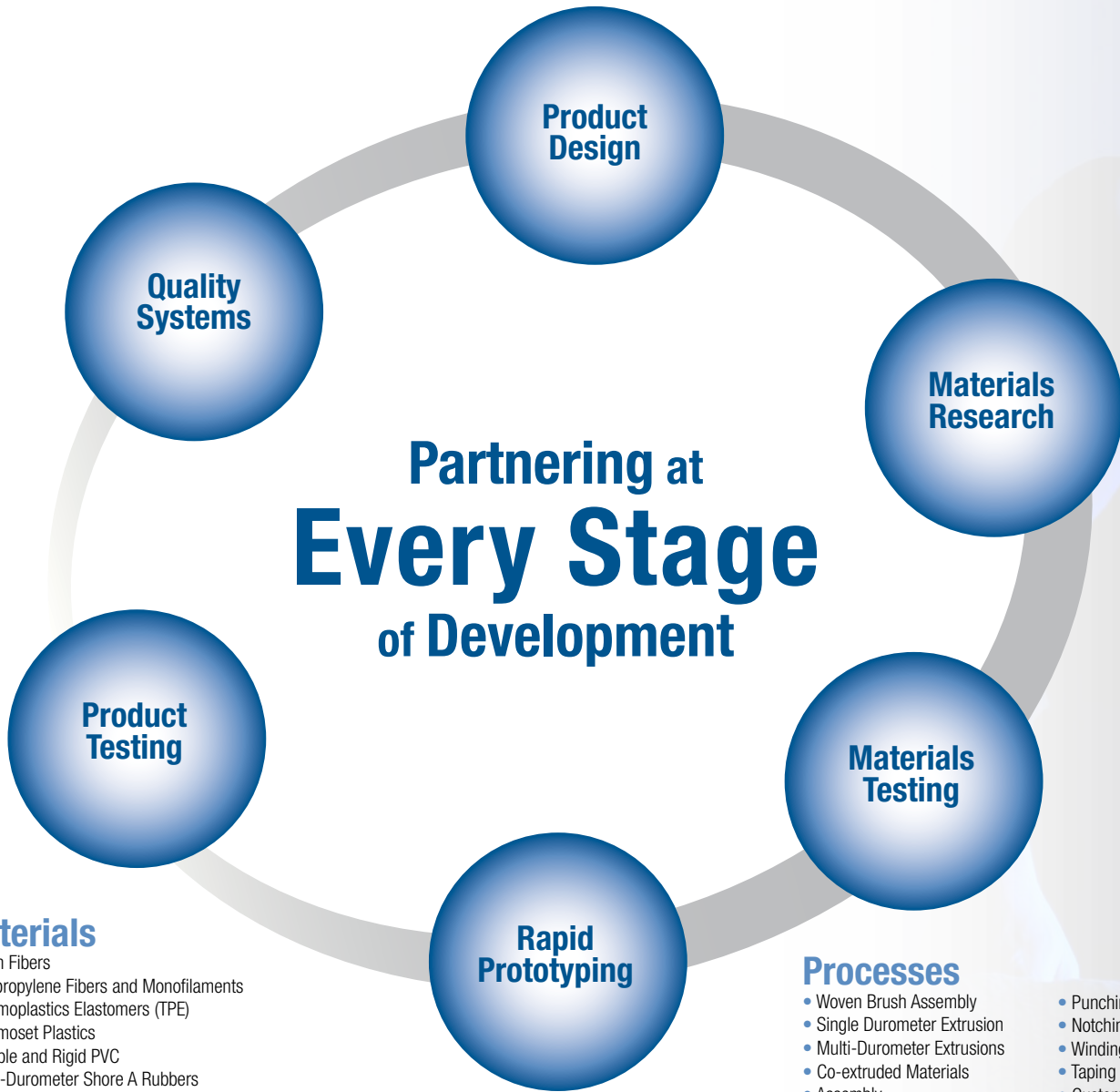
Materials Available

- Polyurethane
- Polyethylene
- EPDM
- Neoprene
- SBR
- Silicone

Innovative Solutions

For more than 40 years Ultrafab has been providing innovative, cost effective, and timely solutions to a wide range of OEM applications. From the materials used to the equipment that manufactures the products, being vertically integrated allows us to partner with our customers at every step from idea, to design, to development and production. Our success is attributed to our dedication to working

directly with engineers, creators, and designers to develop new and different approaches to solving the most difficult challenges associated with our clients' products or processes. Ultrafab currently services hundreds of customers in over 90 countries in a vast array of market sectors.



Materials

- Nylon Fibers
- Polypropylene Fibers and Monofilaments
- Thermoplastics Elastomers (TPE)
- Thermoset Plastics
- Flexible and Rigid PVC
- Multi-Durometer Shore A Rubbers

Processes

- Woven Brush Assembly
- Single Durometer Extrusion
- Multi-Durometer Extrusions
- Co-extruded Materials
- Assembly
- Punching
- Notching
- Winding
- Taping
- Custom Packaging

Ultrafab Specialty Products

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