

Thresholds & Weatherstripping

Hager Companies offers a complete line of thresholds & weatherstripping products for virtually any type of door application. What's more, each meets or exceeds ANSI-grade quality, durability, and performance levels. For enhanced levels of safety and security, we also offer intumescent products for positive pressure solutions, including edge sealing and smoke control systems. All of which make Hager threshold, weatherstripping, and door bottom products an excellent choice for standard or custom applications in schools, hospitals, office buildings, and more.

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General Information

PRODUCT PRESENTATION

Dimensions on stainless steel extrusions may differ slightly than those detailed. Questions regarding any dimensions should be directed to Hager Companies Customer Service.

Drawings or illustrations used in the catalog are subject to change without notice. Questions on any dimensions should be obtained by contacting Hager Companies Customer Service.

FABRICATION OPTIONS

- Bevel one edge of threshold
- Rip one edge width of threshold
- L-notch both ends of threshold
- U-notch both ends of threshold
- Tack weld one line of threshold
- Pan for water return of threshold

MATERIALS & FINISHES

Metals

All aluminum extrusions are of alloy 6063-T5.

For stock finishes, refer to the code listed below each individual item throughout the catalog. Please inquire for the availability on nonstock finishes.

MIL - mill finish aluminum

CAL - cast aluminum

GYP - primed steel grey

DBA - dark bronze anodized aluminum

BLA - black anodized aluminum

32D - stainless steel (non-extruded)

CLR - clear anodized aluminum

WHP - white paint on aluminum

USP - prime coat

Gaskets

Gasketing is available in a wide variety of materials. Vinyl is an economical choice and remains flexible down to -40°F (-40°C). EPDM gasketing is supplied both as a solid (dense) and as a closed cell sponge with a tough outer skin. It remains flexible down to -50°F (-49°C). Silicone gasketing provides the best resistance to cold by remaining flexible down to -70°F (-57°C). Refer to the price book for a list of available replacement gaskets. Gasketing codes are listed below.

B - nylon brush

N - neoprene

S - silicone

V - vinyl

W - pile (thread may be removed to allow expansion)

ORDERING INFORMATION

When ordering, please specify by product number, length, quantity, finish and fasteners required. Thresholds & weatherstripping are fabricated in standard sizes with 1/2" (12.7 mm) extra on thresholds 48" (1219.2 mm) and under. Anodized thresholds are fabricated in standard sizes with 1/4" (6.35 mm) extra on thresholds 48" (1219.2 mm) and under. Thresholds over 48" (1219.2 mm) are supplied with 1" (25 mm) extra length for fitting. Anodized thresholds over 48" (1219.2 mm) are fabricated in standard sizes with 3/4" (19.05 mm) extra length for fitting. All thresholds to be ordered in 4" increments.

Example: 891S V 36 x 84 MIL

Item #	Gasketing	Size	Finish
516S	W-pile	36" (914 mm)	MIL - mill finish aluminum
520S	V-vinyl	48" (1219 mm)	DBA - dark bronze anodized aluminum
750S	S-silicone	36" (914 mm)	32D - matte stainless steel
870S	N-neoprene	36" x 84" (914 mm x 2133 mm)	CLR - clear anodized aluminum
882S	B-nylon Brush	48" x 96" (1216 mm x 2438 mm)	OOO - gasket only

General Information

FASTENERS Standard

All products are furnished with appropriate fasteners as listed, except where noted. Most thresholds are furnished with mounting holes and #10 x 1-1/2" flat head sheet metal screws. Most weatherstripping products are furnished with slotted holes and #6 x 5/8" pan head sheet metal screws.

Optional Thresholds

- #10 wood screws and plastic anchors
- #10 wood screws and lead anchors
- #10 machine screws and lead anchors
- #10 stainless steel wood screws
- #10 stainless steel wood screws and plastic anchors
- #10 stainless steel wood and lead anchors
- 1/4-20 stainless steel machine screws and lead anchors
- 1/4-20 machine screws and lead anchors
- 1/4-20 x 2" flat head sleeve anchor
- #10 torx sheet metal screws
- #10-24 x 1-1/2" stainless steel torx machine screw with lead anchor
- #10-stainless steel spanner head wood screw with lead anchor
- Cast-on anchors (cast products only)
- Tap-con type (1/4" x 1-3/4")

Weatherstripping

- #6 x 5/8" pan-head stainless steel screws
- #6 x 5/8" self-drilling (TEK) screws (Steel-zinc plated)
- #6 x 5/8" pan-head torx sheet metal screws
- #6 x 5/8" stainless steel self-drilling (TEK) screws
- 1/4 - 20 x 1-1/4" sex bolts

GENERAL INSTALLATION INSTRUCTIONS FOR PRESS-ON PRODUCTS:

- Product returnable within first 6 months after purchase date
- Installation should take place after construction has been completed, and final cleaning has taken place
- The frame should be cleaned; isopropyl alcohol is recommended
- Not recommended for unsealed or porous applications
- Do not store these products in extreme heat/cold or for prolonged periods of time

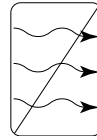
CERTIFICATIONS



Handicap Accessibility

Products denoted by this symbol are designed for applications where handicap accessibility is specified. These products are no greater than 1/2" (12.7 mm) in height and have no more than 1/4" (6.3 mm) vertical rise or with slope proportions no greater than 1:2 slope. Offset floor conditions greater than 1/2" (12.7 mm) require a 1:12 slope.

Air Infiltration



Products denoted by this symbol have been tested with air/smoke infiltration, all within the (0.500 cfm/sq. ft. for double doors and .300 cfm for single doors) maximum allowable leakage at a pressure of a 25 mph wind (1.56 psf). The tests were conducted in accordance with ASTM test procedures and meet

ASTM: E283.

Sound Tested



Products denoted by this symbol have been sound tested and received the appropriate STC rating. The tests were conducted in accordance with ASTM test procedures and meet ASTM: E90 & ASTM: E413.

STC Rating Static Door	STC Rating Operable Door	Perimeter Seal	Door Bottom	Corner Pad	Threshold
49	41	737 & 866S	743S	709	417S
49	37	738 & 737	743S	709	417S
44	40	726	743S		520S
42	40	738 & 737	774S	709	417S
42	40	737 & 866S	774S	709	417S
41	39	726(2)	743S		520S
36	35	738 & 737	774S	709	417S
36	35	726 & 736	774S	709	417S



BHMA Certified

BHMA Certification Program was developed as a means for manufacturers of builders hardware to indicate compliance with American National Standards sponsored by BHMA. Participating manufacturers certify compliance with the standards based on a continuing program of passing the prescribed tests.

General Information



Underwriter's Laboratories

Products denoted by this symbol are classified and labeled by Underwriter's Laboratories, Inc.® as gasket material for use on listed steel frames and/or classified swinging type fire doors of the

hollow metal or steel covered composite type rated up to 3 hours, or wood core fire doors rated up to 1-1/2 hours. Test results show these products do not adversely affect the fire resistance of the door or frame according to its UL rating. All products are regularly checked under a labeling and listing service. The clearance between the door and the frame and between the meeting edges of doors swinging in pairs shall be 1/8" + 1/16" (3.18 mm + 1.59 mm) for steel doors and shall not exceed 1/8" (3.2 mm) for wood doors.

- UL 10C (Positive Pressure) complies with IBC, NFPA 80 and NFPA 252 for hollow metal fire doors rated up to 3 hours and wood fire doors rated up to 90 minutes.
- UL 10B complies with NFPA 80 and NFPA 252 for hollow metal fire doors rated up to 3 hours and wood fire doors rated up to 90 minutes.

Notes: Ratings on some items may vary and are noted on the individual products. For a more complete look at classifications on individual products, please visit www.ul.com/database and reference R13647.

THE INTERNATIONAL BUILDING CODE (IBC)

The International Building Code (IBC) requires swinging fire doors to be tested in accordance with ANSI/UL 10C or NFPA 252, with the neutral pressure level established at 40 inches or less above the sill. This causes "positive pressure" forces against the door assembly above 40 inches.

The result is hot gases and smoke leak out between the door and frame above this level, posing a serious threat to lifesafety; and on wood doors rapidly deteriorating the integrity of the door edges, requiring either a built-in or supplemental "edge sealing system" to pass the test.

Fire door assemblies in corridors and smoke barrier walls are required to be smoke and draft control assemblies tested in accordance with UL1784 allowing a maximum air leakage of 3 cubic feet per minute per square foot of door opening at ambient temperature (75°F) and elevated temperature (400°F). These assemblies require the letter "S" on the fire rating label of the door indicating compliance "when listed or labeled gasketing is also installed."



Fire doors are classified based upon their construction and edge sealing system requirements. Fire-rated gasketing is classified as follows:

Category G - Edge-sealing system

Category H - Smoke and draft control gasketing

Category J - Gaskets other than category G or H

Fire Test - Category G

Gaskets that are edge-sealing systems. Category "G" - edge sealing systems are for use with fire doors requiring an edge seal to meet positive pressure code requirements. These systems are surface-applied to either the perimeter of the door frame or meeting edges of door pairs. Category "G" gaskets are usually intumescent material; this material will swell many times its original size during a fire and help contain the spread of fire by sealing the edges of the door.

Fire Test - Category J

Products that are positive pressure tested to determine that they do not contribute to flaming during a fire; they do not provide an edge-sealing system. Examples are gaskets used for sound, draft control or automatic door bottoms.

Smoke and Draft Control Test - Category H

This is a separate second test that does not involve fire. All gaskets being tested for smoke must initially be fire tested under the requirements of UL 10C and receive a category "G" or "J" rating before being smoke tested.

Below are some key phrases that indicate positive pressure requirements:

- IBC 2003 (and later) - International Building Code
- UL 10-C - Positive Pressure Fire Test
- ASTM E-2074-00 - Fire Test of Door Assemblies
- Shall meet positive pressure requirements
- Intumescent seals - imply positive pressure

The www.iccsafe.org web site of the International Code Council (ICC) has a map of code adoption by state. This site is frequently updated and by clicking on a state, you can see what codes they have adopted.

General Information

New and existing fire doors are classified/labeled by one of the following designation systems:



Hourly rating designation

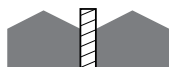


Alphabetical letter designation



A combination of both

Common Applications for Hager Positive Pressure Edge Sealing & Smoke Seal Systems



Wall Rating	Door and Frame Rating	Door Application and Use	Door Types		Fire Doors Edge Sealing System	Smoke Doors "S" Label Smoke Seal	Fire & Smoke Doors Combination Seal
4 Hr.	3 Hour (A Label) 180 Minute	Openings in fire walls and walls that divide a single building into fire areas	Hollow Metal	Pairs	—	721, 726, 736, 737	—
			Hollow Metal	Singles	—	721, 726, 736, 737	—



2 Hr.	1 1/2 Hour (B Label) 90 minute	Openings to stairwells and elevator shafts; vertical communication or egress through a building, including 2-hr. rated partitions providing horizontal fire separations	Wood Composite	Pairs	724, 729	721, 726, 736, 737	720, 722
			Hollow Metal	Pairs	—	721, 726, 736, 737	—
			Wood Composite	Singles	724, 729	721, 726, 736, 737	720, 722
			Hollow Metal	Singles	—	721, 726, 736, 737	—



2 Hr.	1 1/2 Hour (D Label) 90 minute	Opening where there is a chance of severe fire exposure from the exterior of the building	Hollow Metal	Pairs	—	721, 726, 736, 737	—
			Hollow Metal	Singles	—	721, 726, 736, 737	—



1 Hr.	*1 Hour (B Label) 60 Minutes	Doors that divide occupancies in a building (building less than 4 stories tall)	Wood	Pairs	724, 729	721, 726, 736, 737	720, 722
			Wood	Singles	724, 729	721, 726, 736, 737	720, 722

*Currently rating only applies to wood doors.



1 Hr.	3/4 Hour (E Label) 45 Minute	Opening in an exterior wall with the potential to be exposed to moderate to light fire from the outside of the building	Hollow Metal	Pairs	—	721, 726, 736, 737	—
			Hollow Metal	Singles	—	721, 726, 736, 737	—



1 Hr.	3/4 Hour (C Label) 45 Minute	Openings in walls or partitions between rooms and corridors	Wood Composite	Pairs	724, 729	721, 726, 736, 737	720, 722
			Wood Composite	Singles	724, 729	721, 726, 736, 737	720, 722



1 Hr.	*1/3 Hour 20 Minute	Openings in corridors where smoke and draft control is required *Does not have letter designation	Wood/Particle Core	Pairs	724, 729	721, 726, 736, 737	720, 722
			Wood/Particle Core	Singles	724, 729	721, 726, 736, 737	720, 722

*All of the labels listed above have the capability of being both fire and smoke barrier openings. However, not all openings require a smoke label. Openings requiring smoke labels are detailed either by the fire authority having jurisdiction, local code, NFPA 101 or NFPA 5000.

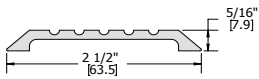
Thresholds - Saddle

To effectively seal out the elements, use in conjunction with a door bottom, sweep, shoe, or bumper strip.

Fasteners: #10 x 1-1/2" sheet metal screws, other screw types and anchors available upon request

- Notes:
- MIL finish thresholds are supplied with zinc plated screws
 - Color anodized thresholds are supplied with screws plated to match
 - Stainless steel thresholds are supplied with stainless steel screws

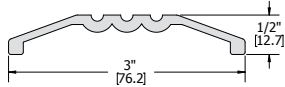
401S




Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

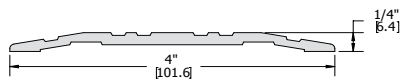
402S



Finishes: MIL, DBA, BLA

Certifications: 

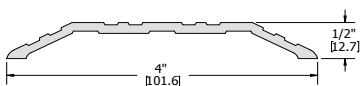
403S



Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

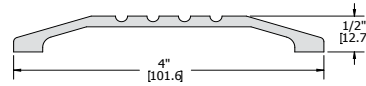
404S



Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

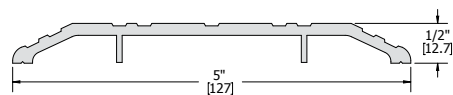
410S



Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

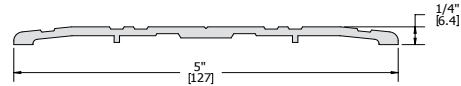
412S



Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

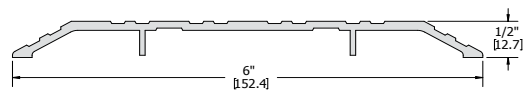
413S



Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

415S

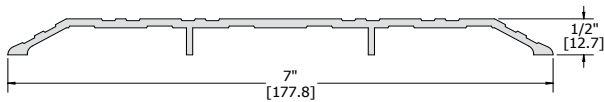


Finishes: MIL, DBA, BLA

Certifications:  **BHMA CERTIFIED**

Thresholds - Saddle

416S

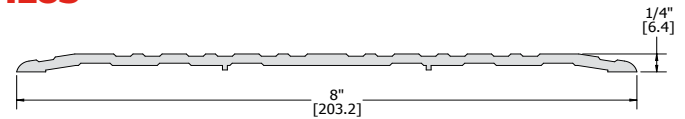


Finishes:
Certifications:

MIL, DBA, BLA



428S

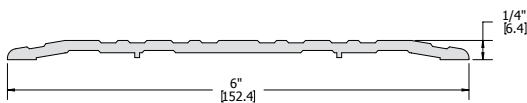


Finishes:
Certifications:

MIL, DBA, BLA



417S

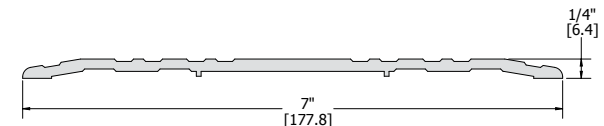


Finishes:
Certifications:

MIL, DBA, BLA



430S

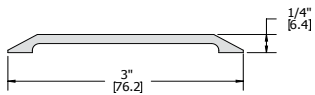


Finishes:
Certifications:

MIL, DBA, BLA



418S

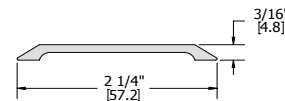


Finishes:
Certifications:

MIL, DBA, BLA



436S

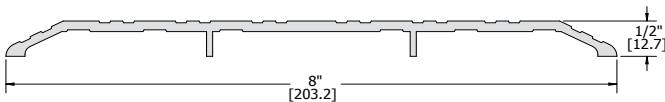


Finishes:
Certifications:

MIL, DBA, BLA



426S

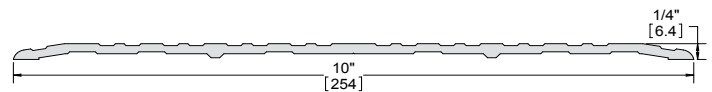


Finishes:
Certifications:

MIL, DBA, BLA



448S

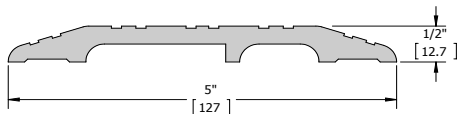


Finishes:
Certifications:

MIL, DBA, BLA



427S

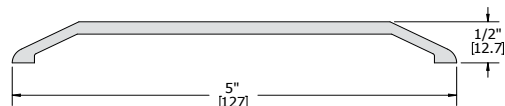


Finishes:
Certifications:

MIL, DBA, BLA



492S



Finishes:
Certifications:

MIL, DBA, BLA



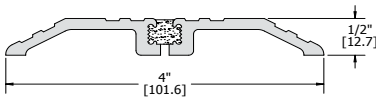
Thresholds - Thermal Barrier Saddle

High strength thermal barrier is permanently bonded in place to block the transfer of heat or cold. To provide a seal, use in conjunction with a door bottom, sweep, shoe or bumper strip.

Fasteners: #10 x 1-1/2" sheet metal screws, other screw types and anchors available upon request

- Notes:
- MIL finish thresholds are supplied with zinc plated screws
 - Color anodized thresholds are supplied with screws plated to match

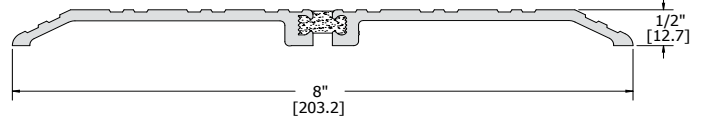
420S



Finishes:
Certifications:



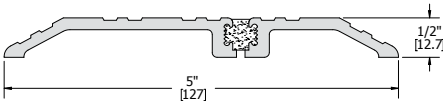
424S



Finishes:
Certifications:



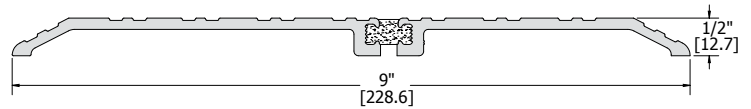
421S



Finishes:
Certifications:



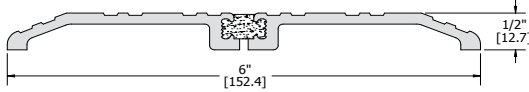
451S



Finishes:
Certifications:



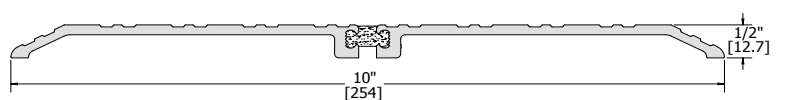
422S



Finishes:
Certifications:



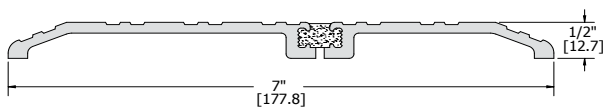
452S



Finishes:
Certifications:



423S



Finishes:
Certifications:



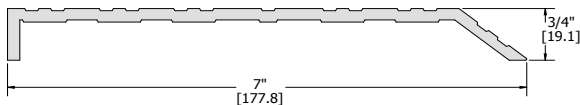
Thresholds - Half Saddle

Fasteners: #10 x 1-1/2" sheet metal screws, other screw types and anchors available upon request


Notes:

- MIL finish thresholds are supplied with zinc plated screws
- Color anodized thresholds are supplied with screws plated to match

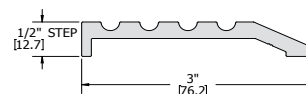
406S



Finishes: MIL, DBA, BLA

Certifications: 

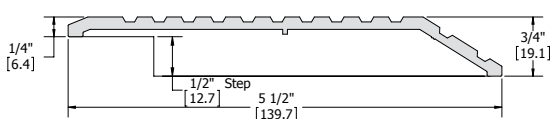
433S




Finishes: MIL, DBA, BLA

Certifications:   

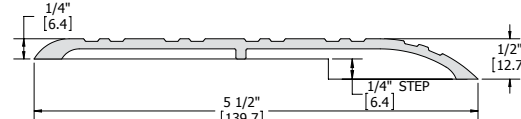
407S



Finishes: MIL, DBA, BLA

Certifications: 

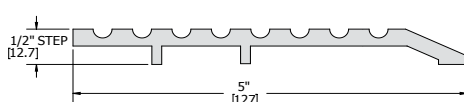
438S



Finishes: MIL, DBA, BLA

Certifications:   

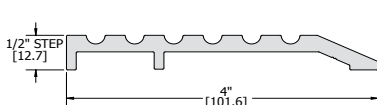
431S



Finishes: MIL, DBA, BLA

Certifications:   

432S



Finishes: MIL, DBA, BLA

Certifications:   

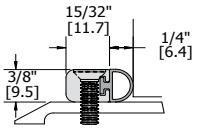
Thresholds - Elevator and Bumper Strips


Thresholds - Residential

Use in conjunction with a threshold

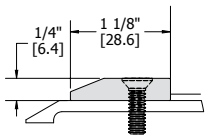
Fasteners: #10 - 24 x 5/8" flat head self-tapping screws to attach bumper strip directly to an existing threshold



481S



Finishes: MIL, DBA, BLA
Insert: V, N, S, W
Certifications: 

484S



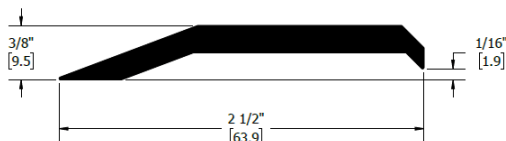
Finishes: MIL, DBA, BLA
Certifications:  

Thresholds - Carpet

Fasteners: #10 x 1-1/2" sheet metal screws, other screw types and anchors available upon request

- Notes:
- MIL finish thresholds are supplied with zinc plated screws
 - Color anodized thresholds are supplied with screws plated to match

504S

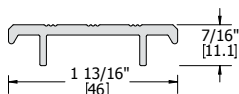


Finishes: MIL, DBA, BLA

Certifications:



505S

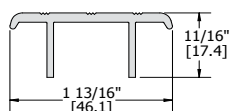


Finishes: MIL, DBA, BLA

Certifications:



508S



Finishes: MIL, DBA, BLA

Certifications:



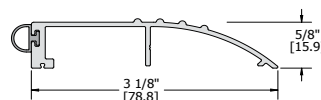
Thresholds - Bumper

For use with outswinging doors to seal out the elements

Fasteners: #10 x 1-1/2" sheet metal screws, other screw types and anchors available upon request

- Notes:
- MIL finish thresholds are supplied with zinc plated screws
 - Color anodized thresholds are supplied with screws plated to match

434S



Finishes: MIL, DBA, BLA

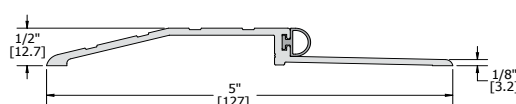
Insert:

V, N, S, W

Certifications:



477S



Finishes: MIL, DBA, BLA

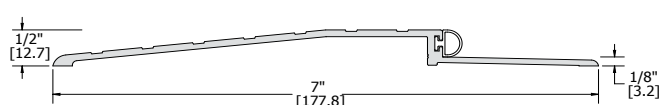
Insert:

V, N, S, W

Certifications:



478S



Finishes: MIL, DBA, BLA

Insert:

V, N, S, W

Certifications:

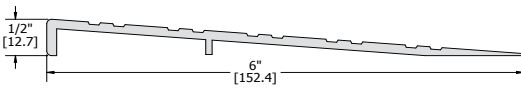


Thresholds - ADA Ramps

Ramp threshold that provides a 1:12 slope to meet the requirements of the Americans With Disabilities Act

- Order: To create a ramp that is a combination of the 442S and 443S, order 444S
- Fasteners: #10 x 1-1/2" Flat head wood screws
- Notes:
- MIL finish thresholds are supplied with zinc plated screws
 - Color anodized thresholds are supplied with screws plated to match

442S

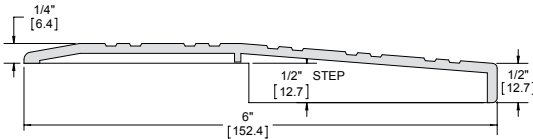


Finishes: MIL, DBA, BLA

Certifications:



443S

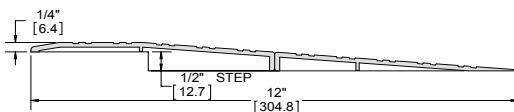


Finishes: MIL, DBA, BLA

Certifications:



444S



Finishes: MIL, DBA, BLA

Certifications:

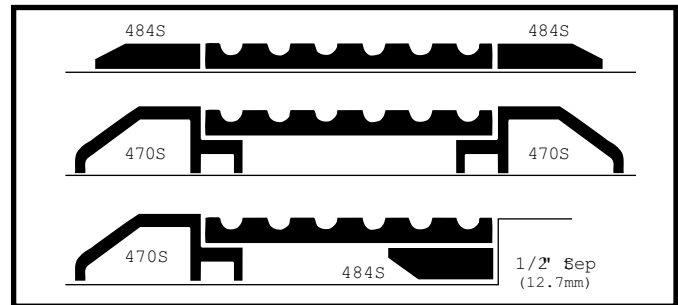


Thresholds - Floor Plate Assembly

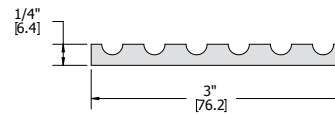
Floor plate components for modular threshold system. Used primarily for extra wide door frames or to cover expansion joints or floor joists

- Fasteners: Plates and plate supports are furnished without holes and fasteners unless specified
- Notes:
- Beveled Edges are available
 - Plates may be used fluted or smooth side up

Typical Applications



445S



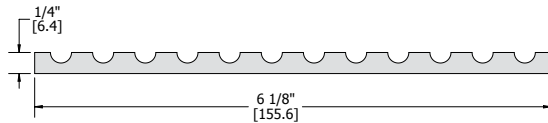
Finishes: MIL, DBA, BLA

Certifications:



Thresholds - Floor Plate Assembly

460S

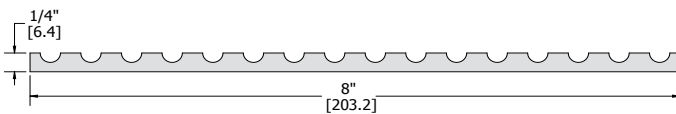


Finishes: MIL, DBA, BLA

Certifications:



465S

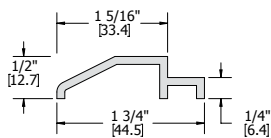


Finishes: MIL, DBA, BLA

Certifications:



470S

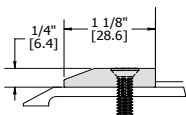


Finishes: MIL, DBA, BLA

Certifications:



484S



Finishes: MIL, DBA, BLA

Certifications:



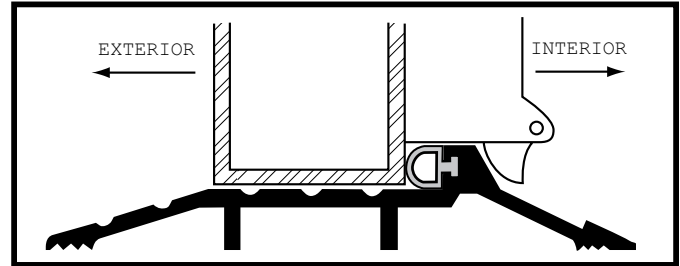
Thresholds - Panic

Use in conjunction with surface applied vertical rod exit device of the Americans With Disabilities Act

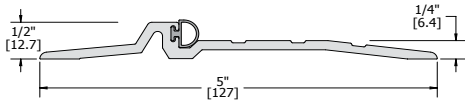
Fasteners: #10 x 1-1/2" flat head sheet metal screws, other screw types and anchors available upon request

- Notes:
- MIL finish thresholds are supplied with zinc plated screws
 - Color anodized thresholds are supplied with screws plated to match
 - Special under cuts may be required

Typical Applications



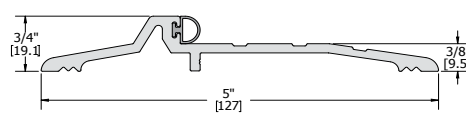
520S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 3/8"
 Certifications:



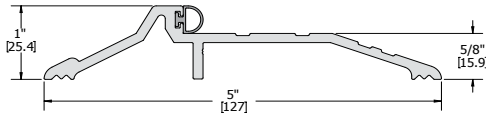
552S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 1/2"
 Certifications:



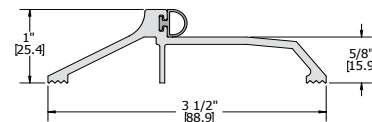
532S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 3/4"
 Certifications:



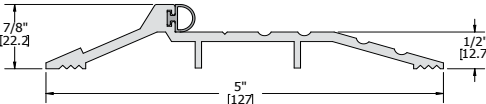
560S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 3/4"
 Certifications:



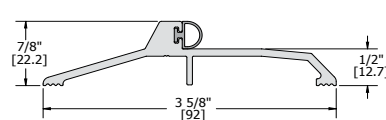
541S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 5/8"
 Certifications:



565S

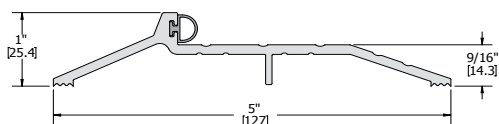


Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 5/8"
 Certifications:



Thresholds - Panic

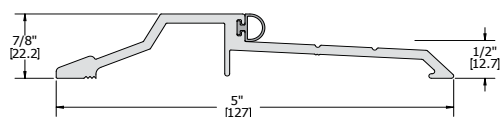
575S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 11/16"
 Certifications:



580S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S, W
 Door Undercut: Allow 5/8"
 Certifications:



Thresholds - Thermal Barrier Panic

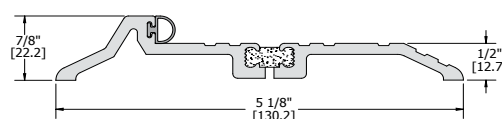
Threshold for latching panic devices that have a thermal barrier permanently bonded in place to effectively block the transfer of heat or cold. Use in conjunction with surface applied vertical rod and latching exit/panic devices. Threshold has a thermal barrier permanently bonded in place to effectively block the transfer of heat or cold.

Fasteners: #10 x 1-1/2" Flat head sheet metal screws, other screw types and anchors available upon request

Notes:

- MIL finish thresholds are supplied with zinc plated screws
- Color anodized thresholds are supplied with screws plated to match

516S



Finishes: MIL
 Inserts: V, N, S, W
 Certifications:



Thresholds - Abrasive Cast Aluminum

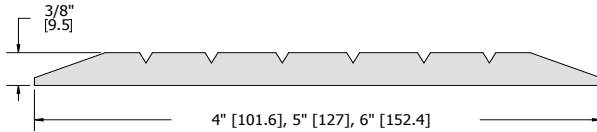
A heavy duty aluminum threshold with silicon carbide granules integrally cast into the surface. Ideal for high traffic areas where maximum durability is required. The abrasive, skid resistant surface works well under wet, dry or oily conditions.

Fasteners: #1/4" flat head zinc plated sheet metal screws with lead anchor

Options: Cast-on anchors available upon request

- Notes:
- Furnished with countersunk holes
 - Cut with a reinforced abrasive plain surface disk, 1/8" thick, either aluminum oxide or silicon carbide
 - Maximum length available is 8 feet, not available for floor closers
 - Available in 4", 5" and 6" widths

626S



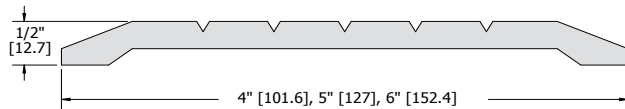
Finishes:

CAL, BLA

Certifications:



627S



Finishes:

CAL, BLA

Certifications:



Thresholds - Floor Closer

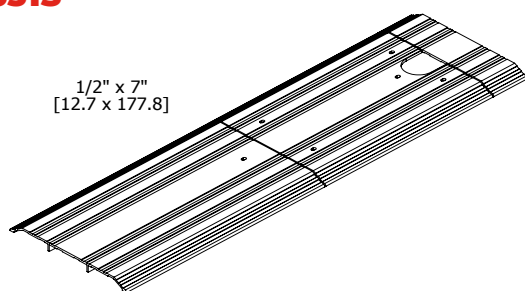
Used with floor closers on center or offset hung door applications.

Fasteners: #10 x 1-1/2" Flat head sheet metal screws, other screw types and anchors available upon request

Notes:

- MIL finish thresholds are supplied with zinc plated screws
- Color anodized thresholds are supplied with screws plated to match
- Thresholds are supplied with the 701S J-Hook
- Metal doors must have flush bottom for proper J-hook installation

651S



Finishes:
Certifications:

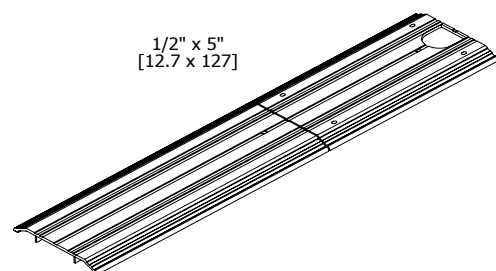
MIL, DBA, BLA



Notes:

- Center hung
- Without mitered ends

652S



Finishes:
Certifications:

MIL, DBA, BLA



Notes:

- Center hung
- Without mitered ends

Thresholds - Cover Plates and Vinyl Thresholds

Cover Plates are used primarily to cover expansion joints and for situations requiring extra width or strength. Manufactured from solid cold rolled aluminum for extra durability.

Fasteners: Furnished without holes and fasteners unless specified

Notes:

- Available to 96" in length
- Furnished with both edges beveled

676S

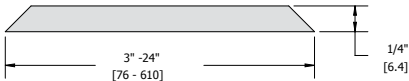


Finishes:
Certifications:

MIL, BLA



677S



Finishes:
Certifications:

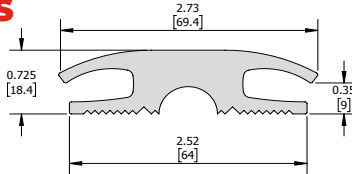
MIL, BLA



Vinyl Thresholds

Transition between different floor types.

900S



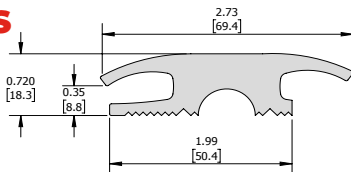
Finishes:
Certifications:

Black



Notes: Transition between carpet to carpet applications

901S



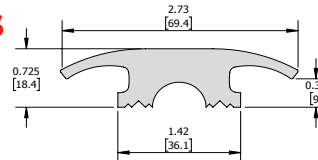
Finishes:
Certifications:

Black



Notes: Transition between carpet to tile applications

902S



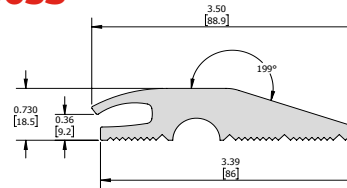
Finishes:
Certifications:

Black



Notes: Transition between tile to tile applications

903S



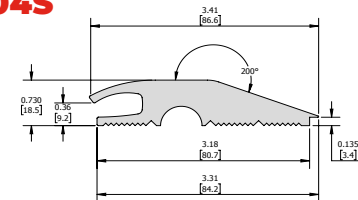
Finishes:
Certifications:

Black



Notes: Transition to carpet

904S



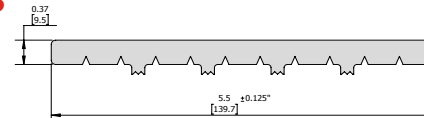
Finishes:
Certifications:

Black



Notes: Transition between carpet to tile applications

905S



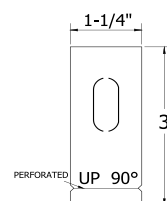
Finishes:
Certifications:

Black



Notes: Transition between communicating door frames

709S



Finishes:
Certifications:

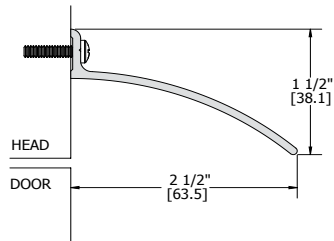
Black



Weatherstripping - Overhead Drip Guards

Fasteners: #6 x 5/8" pan head sheet metal screws

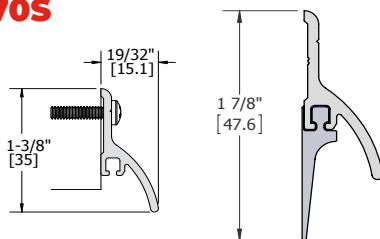
810S



Finishes: MIL, DBA, BLA
Certifications:



770S



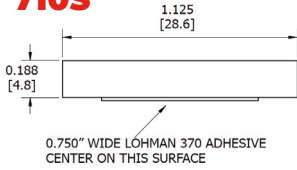
Finishes: MIL, DBA, BLA
Inserts: B, V, or without insert
Category: H, J (with insert)
Certifications:



Weatherstripping - Press On Gasketing

Adhesive Mullion Seal

710S



Finishes: Black

Category: H&J

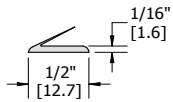
Certifications:



Notes:

- Sponge, Neoprene

720



Finishes: Charcoal, Brown, White

Category: H, G, J

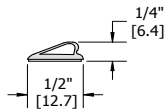
Certifications:



Notes:

- Thin design for doors and frames with tight tolerances
- Intumescent material
- Thermoplastic Elastomer (TPE) material

722



Finishes: Charcoal, Brown

Category: H, G, J

Certifications:



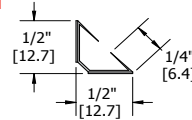
Notes:

- Requires 1/8" clearance.
- Recommend 3/16" backset - door side hinge
- Intumescent material
- Thermoplastic Elastomer (TPE) material

Edge-Sealing Systems

Field applied edge-sealing system gaskets. Add to the frame of a B, C or 1/3-hour labeled fire doors to comply with positive pressure requirements.

721



Finishes: Charcoal, Brown, Gray, White

Category: H, J

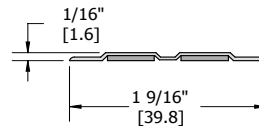
Certifications:



Notes:

Thermoplastic Elastomer (TPE) material

724



Finishes: Charcoal, Brown

Category: G

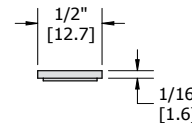
Certifications:



Notes:

- Intumescent material
- Thermoplastic Elastomer (TPE) material

729



Finishes: Charcoal, Brown, White

Category: G

Certifications:



Notes:

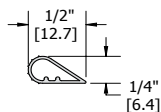
- Intumescent material
- Thermoplastic Elastomer (TPE) material

Weatherstripping - Press On Gasketing

Smoke Seal Systems

Add to the frame of a smoke rated opening to comply with the requirements of NFPA 80, 105, and UL1784. The addition of a smoke seal is necessary to complete installation instructions and validate the "S" label of a smoke control door.

726



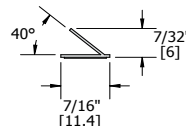
Finishes: Charcoal, Brown, Tan, White

Category: H, J

Certifications:      


Notes: Silicone Material

728



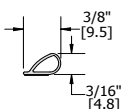
Finishes: Charcoal

Category: J

Certifications: 

Notes: Silicone material

736



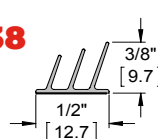
Finishes: Charcoal, White

Category: H, J

Certifications:      



Notes: Silicone Material

738



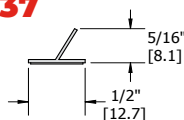
Finishes: Charcoal

Category: J

Certifications:  

Notes: Silicone material

737



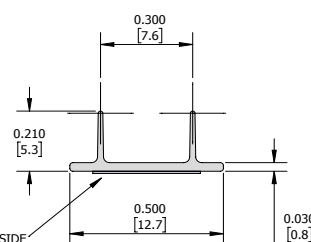
Finishes: Charcoal

Category: H, J

Certifications:      


Notes: Silicone material

739



Finishes: Brown, Clear

Category: J

Certifications: 

Notes: Silicone material

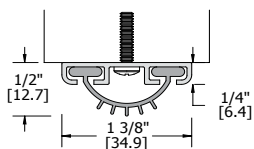
Weatherstripping - Door Bottoms

Provides a seal against weather. For best results, use in conjunction-with a threshold.

Fasteners: #6 x 5/8" pan head sheet metal screws

- Notes:
- Lengths up to 48" are supplied 1/2" over their stated size to allow for fitting
 - Lengths over 48" are supplied 1" over size
 - "Cut to exact length," may be specified
 - Constructed of strong extruded 6063-T5 aluminum

774S



Finishes: MIL, DBA, BLA

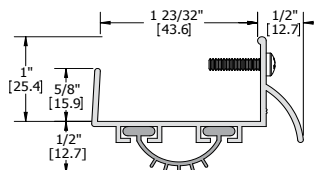
Inserts: V, N

Category: H, J

Certifications:



778S



Finishes: MIL, DBA, BLA

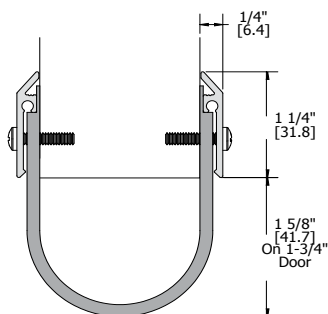
Inserts: V, N

Category: H, J

Certifications:



776S



Finishes: CLR, DBA, BLA

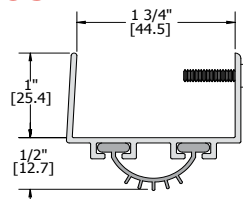
Inserts: N

Category: H, J

Certifications:



779S



Finishes: MIL, DBA, BLA

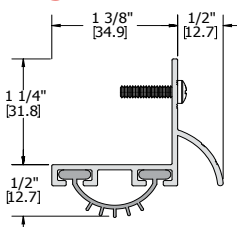
Inserts: V, N

Category: H, J

Certifications:



777S



Finishes: MIL, DBA, BLA

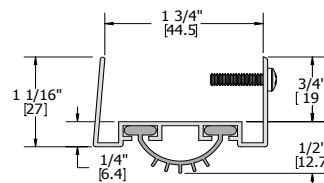
Inserts: V, N

Category: H, J

Certifications:



780S



Finishes: MIL, DBA, BLA

Inserts: V, N

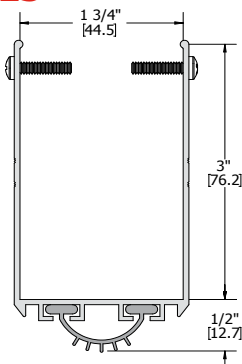
Category: H, J



Certifications:



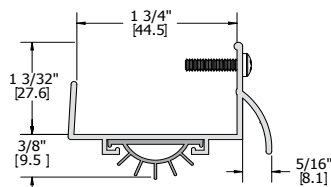
Weatherstripping - Door Bottoms



782S



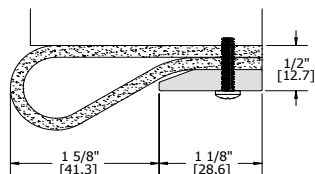
Finishes: MIL, DBA, BLA
 Inserts: V, N
 Category: H, J
 Certifications:  



783S



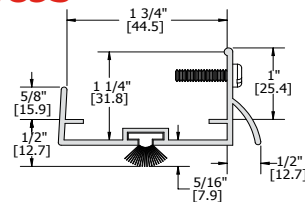
Finishes: MIL, DBA, BLA
 Inserts: V
 Category: J
 Certifications:  



787S



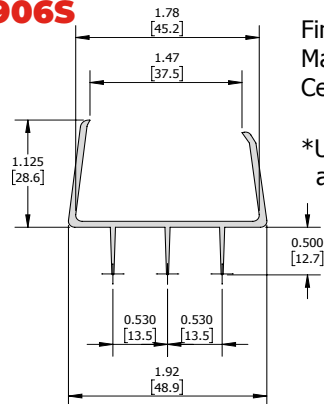
Finishes: MIL, BLA
 Inserts: V
 Category: H, J
 Certifications:  

789S





Finishes: MIL, DBA, BLA
 Inserts: W
 Category: H, J
 Certifications:  

906S

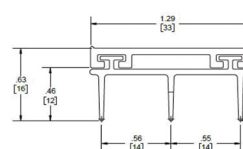


Finishes: Brown
 Material: PVC


Certifications:  

*Unnotched & Notched profiles available

907S

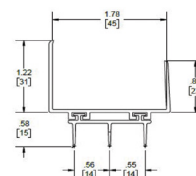


Finishes: MIL, DBA, BLA
 Inserts: V

Certifications: 

*Unnotched & Notched profiles available

909S



Finishes: MIL, DBA, BLA, CLR

Inserts: V
 Certifications: 

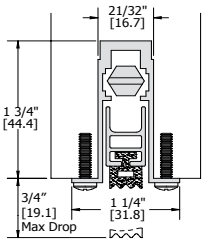
*Unnotched & Notched profiles available

Weatherstripping - Automatic Door Bottoms

Provides an outstanding seal against drafts, light, smoke and sound. For best results, use in conjunction with a threshold. When door fully closes, the gasket extends downward to provide a seal. Gasket retracts when door is opened.

- Fasteners:**
- #8 x 1-1/4" pan head sheet metal screws furnished with surface mount types
 - #6 x 5/8" Pan head sheet metal screws furnished with mortise types
- Notes:**
- Furnished exact length as stated.
 - Furnished with end cover and strike plates
 - DBA/ end caps available on MIL or CLR devices
(Not available on 742S)

730S - Mortise



Finishes:
Inserts:
Category:
Certifications:

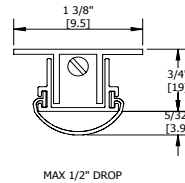
MIL, BLA
N, S
H, J



Notes:

Available order lengths:
12" to 60".
Lengths 16"-29" may be trimmed for fitting (2" maximum).
Lengths 30"-60" may be trimmed for fitting (5" maximum).

742S - Mortise



Finishes:
Inserts:
Category:
Certifications:

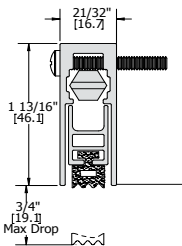
MIL
V
J



Notes:

For use on hollow metal door
Available order lengths:
24" to 60".
24" cannot be trimmed.
36" to 48" can be trimmed up to 3".
All other sizes can be trimmed up to 1".

740S - Surface



Finishes:
Inserts:
Category:
Certifications:

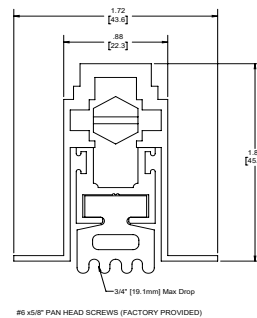
DBA, BLA, CLR
N, S
H, J



Notes:

Available order lengths:
12" to 60".
Lengths 16"-29" may be trimmed for fitting (2" maximum).
Lengths 30"-60" may be trimmed for fitting (5" maximum).

743S - Mortise



Finishes:
Inserts:
Category:
Certifications:

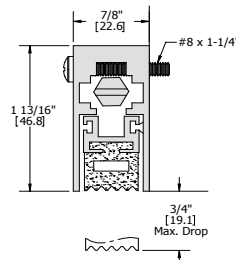
MIL, BLA
N
H, J



Notes:

Available order lengths:
12" to 60".
Lengths 16"-29" may be trimmed for fitting (2" maximum).
Lengths 30"-60" may be trimmed for fitting (5" maximum).

747S - Surface



Finishes:
Inserts:
Category:
Certifications:

CLR, DBA, BLA
N
H, J



Notes:

Available order lengths:
12" to 60".
Lengths 16"-29" may be trimmed for fitting (2" maximum).
Lengths 30"-60" may be trimmed for fitting (5" maximum).

Weatherstripping - Door Bottom Sweeps

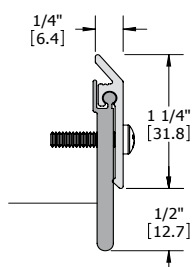
Typically door bottom sweeps are used on the exterior of an outswing door

Fasteners: #6 x 5/8" pan head sheet metal screws furnished with mortise types

Notes:

- MIL finish weatherstripping is supplied with zinc plated screws
- Color anodized weatherstripping is supplied with screws plated to match
- Stainless steel weatherstripping is supplied with stainless steel screws

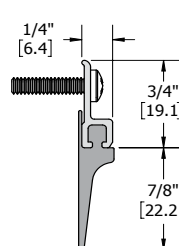
750S



Finishes: DBA, BLA, CLR
US32D
Inserts: N, S
Category: H, J
Certifications:



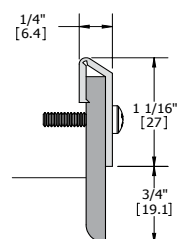
756S



Finishes: MIL, DBA, BLA
Inserts: V
Category: H, J
Certifications:



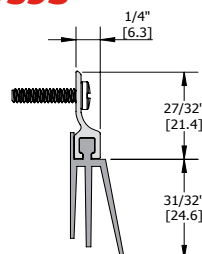
752S



Finishes: CLR, DBA, BLA
Inserts: V
Category: H, J
Certifications:



759S

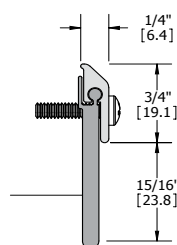


Finishes: MIL, DBA, BLA
Inserts: V
Category: H, J
Certifications:



#6 x 5/8" PAN HEAD SHEET METAL SCREWS (FACTORY PROVIDED)

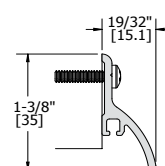
753S



Finishes: MIL, DBA, BLA
Inserts: N
Category: H, J
Certifications:



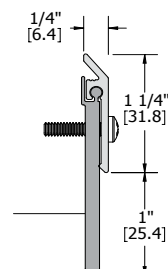
770S



Finishes: MIL, DBA, BLA
Inserts: B, V
Category: H, J
Certifications:



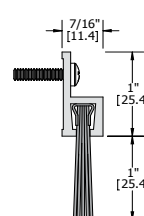
754S



Finishes: DBA, , BLA, CLR
Inserts: N
Category: H, J
Certifications:



801S

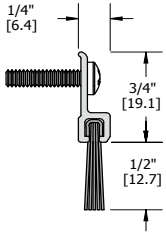


Finishes: MIL, DBA, BLA
Inserts: B
Category: H, J
Certifications:



Weatherstripping - Door Bottom Sweeps

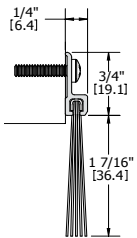
802S



Finishes: MIL, DBA, BLA
 Inserts: B
 Category: H, J
 Certifications:



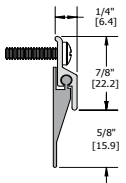
806S



Finishes: MIL, DBA, BLA
 Inserts: B
 Category: H, J
 Certifications:



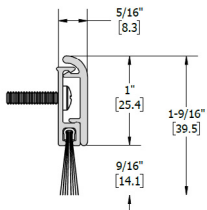
872S



Finishes: DBA, BLA, CLR
 Inserts: N
 Category: H, J
 Certifications:



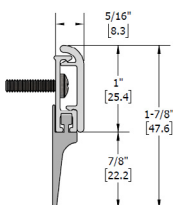
882S



Finishes: DBA, BLA, CLR
 Inserts: B
 Category: H, J
 Certifications:



884S



Finishes: DBA, BLA, CLR
 Inserts: V
 Category: H, J
 Certifications:

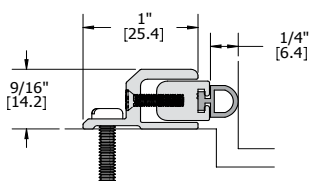


Weatherstripping - Adjustable Jamb Weatherstripping

Fasteners: #6 x 5/8" pan head sheet metal screws

- Notes:
- MIL finish weatherstripping is supplied with zinc plated screws
 - Color anodized weatherstripping is supplied with screws plated to match
 - Stainless steel weatherstripping is supplied with stainless steel screws

860S



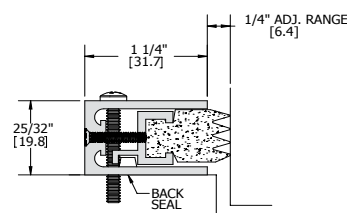
Finishes: MIL, DBA, BLA

Inserts: V, N, S, W

Category: H, J

Certifications:  



865S



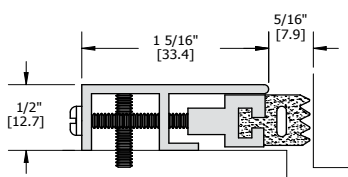
Finishes: MIL, DBA, BLA

Inserts: N

Category: H, J

Certifications:  



864S



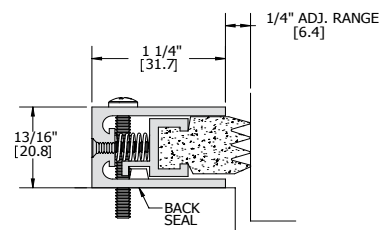
Finishes: DBA, BLA, CLR

Inserts: N

Category: H, J

Certifications:  



866S



Finishes: MIL, DBA, BLA

Inserts: N

Category: H, J

Certifications:  

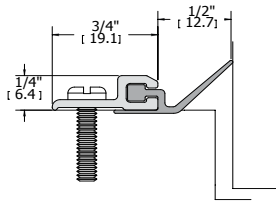
Weatherstripping - Jamb Weatherstripping

Fasteners: 8-32 x 1" pan head phillips machine screws
8-18 x 1" undercut flat head phillips sheet metal screws

Notes:

- MIL finish weatherstripping is supplied with zinc plated screws
- Color anodized weatherstripping is supplied with screws plated to match
- Stainless steel weatherstripping is supplied with stainless steel screws

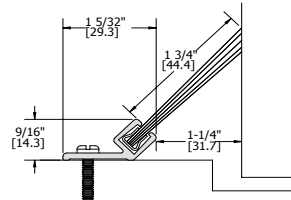
785S



Finishes: MIL, DBA, BLA
Inserts: N
Category: H, J
Certifications:



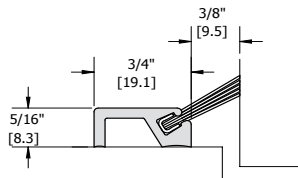
808S



Finishes: MIL, DBA, BLA
Inserts: B
Category: H, J
Certifications:



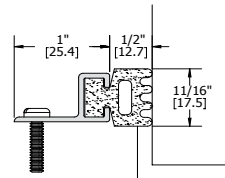
800S



Finishes: MIL, DBA, BLA
Inserts: B
Category: H, J
Certifications:



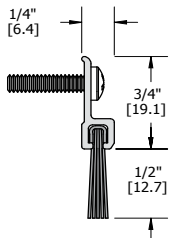
861S



Finishes: MIL, DBA, BLA
Inserts: N
Category: H, J
Certifications:



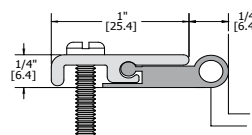
802S



Finishes: MIL, DBA, BLA
Inserts: B
Category: H, J
Certifications:



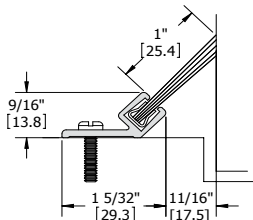
862S



Finishes: DBA, BLA, CLR
Inserts: N
Category: H, J
Certifications:



803S

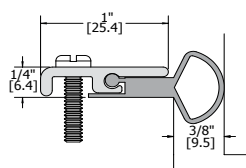


Finishes: MIL, DBA, BLA
Inserts: B
Category: H, J
Certifications:



Weatherstripping - Jamb Weatherstripping

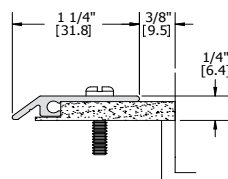
863S



Finishes: DBA, BLA, , CLR
 Inserts: N
 Category: H, J
 Certifications:



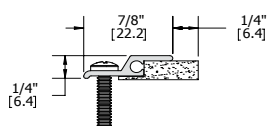
875S



Finishes: DBA, BLA, , CLR
 Inserts: N, S
 Category: H, J
 Certifications:



870S

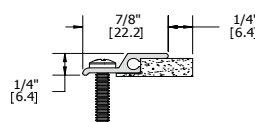


Finishes: DBA, BLA, CLR
 Inserts: N
 Category: H, J
 Certifications:



Notes: Adjustable

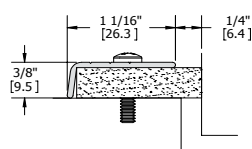
878S



Finishes: DBA, BLA, CLR
 Inserts: N
 Category: H, J
 Certifications:



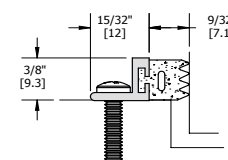
871S



Finishes: MIL, BLA, DBA
 Inserts: N
 Category: H, J
 Certifications:



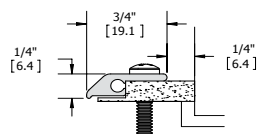
880S



Finishes: MIL, DBA, BLA
 Inserts: N
 Category: H, J
 Certifications:



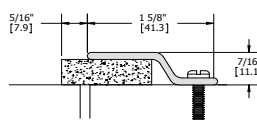
873S



Finishes: MIL, BLA, DBA
 Inserts: N
 Category: H, J
 Certifications:



874S

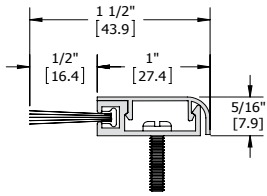


Finishes: MIL, DBA, BLA
 Inserts: N
 Category: H, J
 Certifications:



Weatherstripping - Jamb Weatherstripping

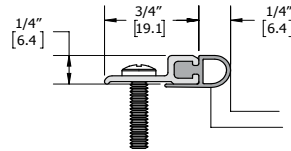
882S



Finishes: DBA, BLA, CLR
 Inserts: B
 Category: H, J
 Certifications:



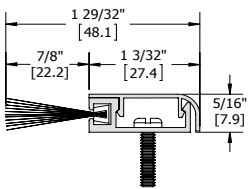
891S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S
 Category: H, J
 Certifications:



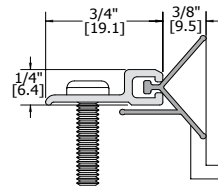
883S



Finishes: DBA, BLA, CLR
 Inserts: B
 Category: H, J
 Certifications:



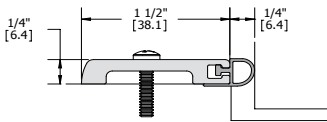
892S



Finishes: MIL, DBA, BLA
 Inserts: N
 Category: H, J
 Certifications:



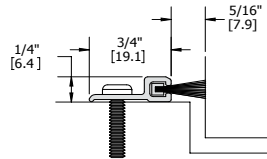
881S



Finishes: MIL, BLA, DBA
 Inserts: V, N, S, W
 Category: H, J
 Certifications:



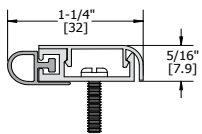
893S



Finishes: MIL, DBA, BLA
 Inserts: W
 Category: J
 Certifications:



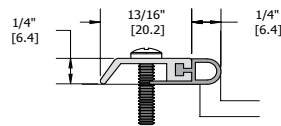
885S



Finishes: DBA, BLA, CLR
 Inserts: V, N, S, W
 Category: H, J
 Certifications:



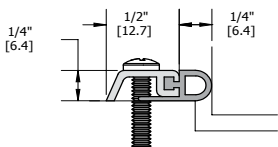
896S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S
 Category: H, J
 Certifications:



890S



Finishes: MIL, DBA, BLA
 Inserts: V, N, S
 Category: H, J
 Certifications:



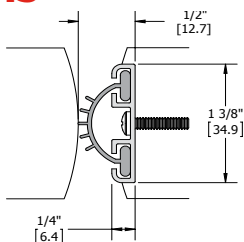
Weatherstripping - Astragals/Meeting Stiles

Fire labeled Astragals & Meeting Stiles should only be mounted on pairs of doors with a gap that meets NFPA 80 2-3.1.7 (1/8" +/- 1/16" for steel doors and not exceeding 1/8" for wood doors)

Fasteners: #6 x 5/8" Pan head sheet metal screws

- Notes:
- MIL finish weatherstripping is supplied with zinc plated screws
 - Color anodized weatherstripping is supplied with screws plated to match
 - Stainless steel weatherstripping is supplied with stainless steel screws

774S



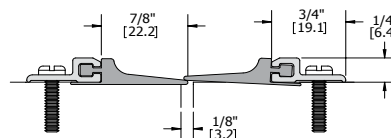
Finishes: MIL, DBA, BLA

Inserts: V, N

Category: H, J

Certifications:  

756S



Finishes: MIL, DBA, BLA

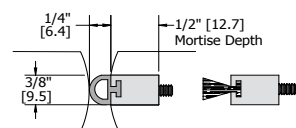
Inserts: V

Category: H, J

Certifications:  

Notes: Order two (2) for a set

771S



Finishes: MIL, DBA, BLA

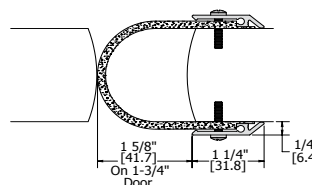
Inserts: V, W, N, S

Category: H, J

Certifications:  

Notes: Order two (2) for a set



776S



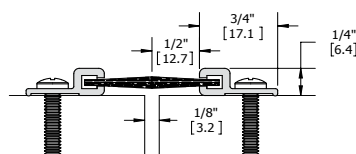
Finishes: DBA, BLA, CLR

Inserts: N

Category: H 1

Certifications:  



802S



Finishes: DBA, BLA, CLR

Inserts: B

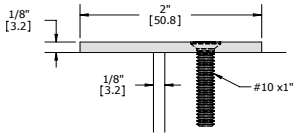
Category: H, J



Certifications:  

Notes: Order two (2) for a set

Weatherstripping - Astragals/Meeting Stiles

835S

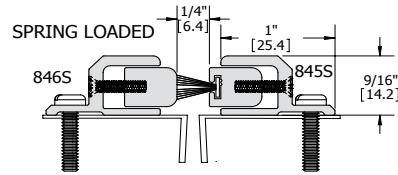



Finishes: MIL, DBA, BLA, US32D, USP
 Category: J
 Certifications:  

Notes:

- Maximum length = 10 feet
- Available with thrubolts

845S | 846S

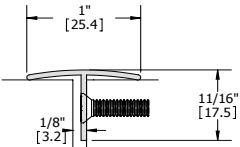



Finishes: MIL, DBA, BLA
 Inserts: W
 Category: J
 Certifications: 

Notes:

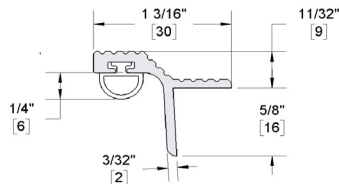
- Adjustable
- Order two (2) for a set




836S



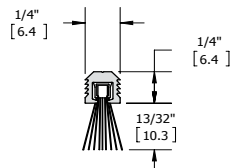
Finishes: MIL, DBA, BLA
 Category: H, J
 Certifications: 


837S



Finishes: MIL, DBA, BLA
 Inserts: W, V, N, S
 Category: H, J
 Certifications:   

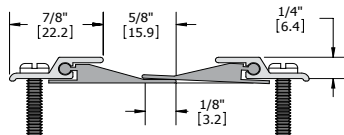
839S



Finishes: MIL
 Inserts: W
 Category: J
 Certifications: 

Weatherstripping - Astragals/Meeting Stiles

872S



Finishes: DBA, BLA, CLR

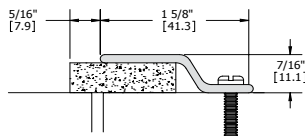
Inserts: N

Category: H, J

Certifications:  

Notes: • Order two (2) for a set

874S



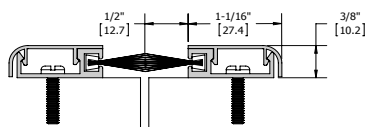
Finishes: MIL, DBA, BLA

Inserts: N

Category: H, J

Certifications:  



882S



Finishes: DBA, BLA, CLR

Inserts: B

Category: H, J

Certifications:  

Notes: Order two (2) for a set

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