

GASKETING

WOOD DUCKS - Wood ducks are one of the most stunningly pretty of all waterfowl. They live in wooden swamps and nest in holes in trees or “wood duck boxes” erected in their living areas. Wood ducks are equipped with strong claws which allow them to perch on branches.



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Fasteners G56

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Rating Symbols Legend

POSITIVE PRESSURE - CERTIFIED by UL to ANSI/UL10C; complies with IBC, NFPA 80 and NFPA 252 for application to Hollow Metal fire doors rated up to 3 Hrs., and Wood fire doors rated up to 90 minutes (some ratings vary as noted).

CERTIFIED by UL to CAN/ULC-S104 and ANSI/UL10B; complies with NFPA 80 and NFPA 252 for application to Hollow Metal fire doors rated up to 3 Hrs., and Wood fire doors rated up to 90 minutes (some ratings vary as noted).

NGP-EDGE® SEALING SYSTEM, Certified by UL to ANSI/UL10C Category 'G'; required for Category B wood fire doors to meet positive pressure requirements complying with IBC, and NFPA 252. See individual products for maximum door size and ratings.

SMOKE & DRAFT CONTROL GASKETING, Certified by UL to ANSI/UL10C and ANSI/UL 1784 Category 'H'; complies with IBC and NFPA 105 for use on 'S' labeled Positive Pressure Hollow Metal fire doors rated up to 3 hours, and Wood fire doors rated up to 90 minutes (some ratings vary as noted).

ACOUSTICAL TESTED to ASTM E90 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements, and ASTM E2235 Standard Test Method for Determination of Decay Rates for use in Sound Insulation Test Methods. Refer to information on pages G4 and G5 for test result data.

AIR INFILTRATION TESTED to ASTM E283, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.

ANTI-MICROBIAL. Treated with an anti-microbial additive to inhibit the growth of microorganisms.

ANSI/BHMA CERTIFIED. Certified gasketing complies with American National Standard for Door Gasketing and Edge Seal Systems ANSI/BHMA A156.22, and is listed in the BHMA Certified Products Directory.

Online product listings: www.ul.com/database

LEED Green Building

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a national standard for developing high-performance, sustainable buildings developed by the U. S. Green Building Council.

Our current LEED letter containing LEED qualification information for all our products is available at www.ngp.com

Environmental Product Declarations (EPD) prepared and certified by an Independent Laboratory based on Life Cycle Assessments (LCA) of our products may be viewed on our website, www.ngp.com

Health Product Declarations (HPD) may be viewed on our website, www.ngp.com

National Guard Products sustainability report may be viewed on our website, www.ngp.com

Contact us regarding our end of use product recycling program.

Materials

Metal retainers for gasketing are Aluminum Alloy 6063, T5 temper, unless noted.

Architectural Bronze gasketing is Alloy CDA 385 (Copper Alloy No. C38500), Architectural Bronze.

Stainless steel gasketing is Type 304; known for its excellent corrosion resistance, high tensile strength and resistance to oxidation.

NGP utilizes a variety of gasketing materials including Vinyl, Neoprene, Silicone, Nylon Brush, Thermo-Plastic Elastomers (TPE), Thermo-Plastic Vulcanizates (TPV), Polypropylene Pile, Ethylene-Propylene-Diene-Monomer (EPDM), Polyurethane, and Intumescent Fire Seals. Product Illustrations indicate the Gasketing material. Properties of many primary gasket materials are listed on the perimeter seal catalog pages.

Adhesive mounted gasketing utilizes a pressure sensitive modified acrylic adhesive protected by a release liner. Once installed it provides a permanent bond in exterior or interior locations. End use temperature range is -30°F up to 250°F. Shelf life of adhesive prior to installation is one year when stored at 75°F and 50% relative humidity or less.

Gasketing Finishes

				NGP Suffix:
Aluminum:	Mill Finish	ANSI/BHMA 719	US27	None
	Anodized Aluminum	ANSI/BHMA 628	US28	A
	Dark Bronze			DKB
	Gold			B
	Polished	ANSI/BHMA 717		POL
	Powder Coated Colors – See Page L2 for details			
Architectural Bronze:	Satin Finish	ANSI/BHMA 728	US4	BR
	Dark Bronze Oil Rubbed	ANSI/BHMA 722	US10B	BR-DKB
	Polished	ANSI/BHMA 721	US3	BR-POL
Stainless Steel:	Brushed (#4)	ANSI/BHMA 630	US32D	None

Gasket Materials:	Neoprene is Black	N
	NGP-TPV is Black	N
	Polyurethane is Black	U
	Vinyl is Gray, except where noted as Black	V
	Silicone colors: Black, Brown, Clear, Gray, Tan, White	S
	Thermoplastic is Brown	T, T6
	Nylon Brush colors: Black, Gray	
	TPE colors: Brown, Charcoal, Clear, White	
	Polypropylene Pile is Gray	
	EPDM is Gray	

Powder Coat Finish

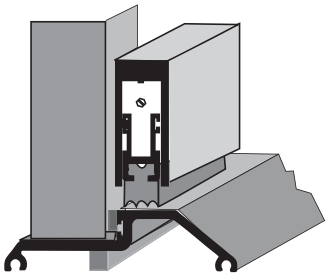
Powder Coat finish is available on most metal gasketing retainers upon request. Refer to page L2 for standard color options. Consult factory for custom color matching.

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Sound Transmission Class (STC) Rated Single Door Assemblies

The chart below indicates the STC rating of specially made acoustic doors using various applications of gasketing. The first column is the rating of the door panel only; tested in a static inoperable condition to determine the sound transmission through the door. The second column is the rating of the operable door installed with hardware and gasketing which provides the STC rating of the door assembly.

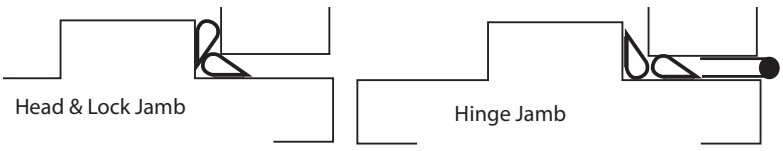
Acoustical testing to ASTM E90 Standard Test Method for Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements and ASTM E2235 Standard Test Method for Determination of Decay Rates for use in Sound Insulation Test Methods. The sound transmission class (STC) was calculated in accordance with ASTM E413 Classification for Rating Sound Insulation.



897NS x 420N

STC Rating Static Door Panel	STC Rating Operable Door w/ Gasketing	Perimeter Seals	Door Bottom	Threshold
30	**30**	103N, 107N, 120N, 122N 127N, 133N, 134N, 137N 137S, 303N, 700N, 700S	420N	897NS
30	**30**	130S	225S	896S
30	**30**	107S	220S	950S
33	**31**	5020	780S	513
35	**33**	5025	780S	513
36	**33**	5050	335N	513
35	**34**	5020, 5075	780S	513
35	**35**	5070, 9750, 9850	335S	896S
40	**37**	5020, 5025	780S	513
40	**37**	5075	12T	513
40	**37**	103N, 107N, 303N	420N	897NS
40	**38**	•(2) 5050	335N	896S
40	**39**	120N, 122N, 133N, 134N 137N, 137S, 700N, 700S	420N	897NS
40	**39**	107S	220S	950S
44	**39**	1038N, 3038N	423N	896S
43	**39**	•(2) 5050	420N	412
42	**40**	•(2) 5050	Mortise 312V	896S
43	**40**	•(2) 5050	423N	896S
44	**40**	131N	335N	896S
47	**41**	103NFS	422N	897NS
45	**42**	•(2) 5050	335N	896S
47	**43**	•(2) 5050	423N	896S
50	**43**	103N, 134N	420N	897NS
50	**43**	107S	220S	950S
51	**43**	159M	420N	897NS
48	**44**	•(2) 5050	423N	896S
49	**44**	103NFS	422N	8434S
52	**44**	107N, 131N, 1038N, 3038N	420N	897NS

• Indicates 2 rows of 5050 installed as follows:



Sound Transmission Class (STC) Rated Pairs of Doors

Pairs of doors are intrinsically more difficult to control sound transmission through. Sealing the gap between the meeting edges under the doors is challenging, requiring a combination of properly coordinated and installed gasketing to seal all gaps.

STC Rating Static Door Panel	STC Rating Operable Door w/ Gasketing	Perimeter Seals	Door Bottom	Threshold	Astragal
35	**35**	5020		896S	5070
35	**35**	5070		896S	5070
35	**34**	5020	780S	512	5070
35	**33**	5025		896S	5070

Standard Doors without Special Acoustic Cores

Solid core wood doors with gasketing test to an STC rating of approximately 28 to 30. Mineral core wood doors and Honey comb core hollow metal doors with gasketing test to an STC rating of approximately 32 to 36. Without gasketing these doors have no sound control and test to an STC rating between 15 and 20.

To most effectively reduce sound transmission and maximize the acoustic performance we recommend the following be used:

PERIMETER AND DOOR BOTTOMS

107S Perimeter Seal
700S Seal at head if a parallel arm closer is used
220S Automatic Door Bottom
Any Threshold - To allow proper sealing of Automatic Door Bottom

MEETING EDGE of PAIRS

109N Overlapping Astragal
5070 Adhesive Astragal
115N Astragal Set

School Classroom Door STC Requirements

ANSI/ASA S12.60 Acoustical Performance Criteria, Design Requirements, and Guidelines for schools requires interior doors opening into core learning spaces to achieve STC 30 or greater in their operable condition and interior doors into music rooms at least STC 40.

ANSI/BHMA

The following interprets ANSI/BHMA numbers which identify type and function of products. For products that meet ANSI/BHMA Standards, look for the BHMA certified logo next to the product in our catalog. For a complete listing refer to the BHMA Certified Products Directory, available online at www.buildershardware.com

ANSI/BHMA A156.22
American National Standard for Door Gasketing and Edge Seal Systems

1 Product Section	2 Retainer Material	3 Gasketing Material		4 Product Type	5 Material Application	6 Gasketing Rating
"R" designates Gasketing	1. Brass or Bronze 3. Aluminum 5. Stainless Steel 0. Optional material or none used	A. Brush B. Neoprene, solid C. Neoprene, closed cell D. Vinyl E. Silicone Rubber F. Pile G. Thermoplastic Elastomer (TPE) H. Thermoplastic Urethane (TPU) J. Thermoplastic Rubber K. Spring Metal L. Magnetic M. Felt N. Rubber Fabric P. Intumescent Q. Intumescent/Brush	R. Intumescent /Neoprene, solid S. Intumescent /Neoprene, closed cell T. Intumescent/ Vinyl U. Intumescent / Silicone Rubber V. Intumescent/ Pile W. Intumescent / Thermoplastic Elastomer (TPE) X. Intumescent / Thermoplastic Urethane (TPU) Y. Optional material or none used Z Intumescent / Thermoplastic Rubber	1. Head & Jamb 2. Head & Jamb, Adjustable 3. Automatic Door Bottom 4. Door Sweep or Shoe 5. Door Sweep or Shoe with Drip Cap 6. Astragal Overlapping 7. Astragal Split or Compensating 8. Astragal Adjustable 9. Rain Drip without gasket 0. Other	1. Door Edge 2. Door Edge, Mortise 3. Door Face 4. Door Face, Semi-Mortise 5. Frame Rabbet (surface or mortise) 6. Frame Soffit (H.M.) Frame Stop (WD) 7. Frame Face 8. Kerf 9. Stop (H.M.), Stop Face (WD) 0. Other	0. Smoke/Energy Performance/ Acoustic Rated 1. Smoke/Energy Performance rated. 2. Smoke/Acoustic Rated 3. Energy Performance/ Acoustic Rated 4. Smoke Rated 5. Energy performance Rated 6. Items not rated. 7. Acoustic Rated

Buy American Requirements

Buy American Act

Over 99% of our products are produced in the United States as a domestic construction material, as defined in the Buy American Act (BAA) of March 1933 and amended by the Buy American Act of 1988 and FAR 52.225-9. A Buy American certificate may be obtained on our website www.ngp.com

Federal American Recovery and Reinvestment Act

More than 99% of our products qualify as manufactured products produced in the United States as manufactured goods, as defined in OMB Guidance (176.140; 176.70(a) (2) (ii); 176.160, complying with the Federal American Recovery Reinvestment Act, ARRA-2009. Contact us for a Buy America ARRA certificate for your project.

Buy America

More than 99% of our products comply with Buy America Requirements of 49 U.S.C. 5323(j)(1), and the applicable regulations in 49 CFR part 661. Contact us for a Certificate of Compliance for your project.

Components of unknown origin are considered to have been produced or manufactured outside the United States.

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 life-safety; 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 accord 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 into category **A** or **B** based upon their construction and edge sealing system requirements. Fire-rated gasketing is classified as follows:

Category G - Edge Sealing Systems

Category H - Smoke and Draft Control Gasketing

Category J - Gaskets other than Category G or H.

Category A classified fire doors:

Hollow Metal Fire-Rated Doors
Wood Fire-Rated Doors constructed with edge seals built-in during the manufacturing process.

Require Category H – Smoke and Draft Control Gasketing at perimeter and at meeting edge of pairs of “S” label doors in corridor locations or smoke barrier walls.

Require Category H – Smoke and Draft Control door bottom seals on “S” label doors where pressurization is provided to restrict smoke movement (typically controlled by HVAC system).

The following products are recommended UL classified Category H for wood doors - 90 min. max., hollow metal doors - 3 hour max.

Perimeter: 2525, 5020, 5025, 5040, 5050, 5070, 5075

Meeting edge of pairs: 115N, 125N, 137N, 137S, 5070, 9115, 9125, 9600, 9605

Category B classified fire doors:

Wood Fire-Rated Doors that require the addition of a Category G classified edge sealing system in the field.

Require Category G – Edge Sealing System, at perimeter and at meeting edge of Pairs.

Require Category H – Smoke and Draft Control Gasketing at perimeter and at meeting edge of pairs of “S” label doors in corridor locations or smoke barrier walls.

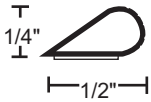
Require Category H – Smoke and Draft Control door bottom seals on “S” label doors where pressurization is provided to restrict smoke movement (typically controlled by HVAC system).

The following products are recommended UL classified for both category G and H:

Perimeter 20 minute: 5050
Perimeter 45, 60, 90 minute: 9450, 9550, 9750, 9850

Meeting edge of pairs: 9550

Self-Adhesive Silicone Gasketing



5050B Brown
5050C Charcoal
5050W White
5050T Tan
5050CL Clear

Available in 17', 20', 21', 25' and 300' rolls.

Silicone Bulb Fire and Smoke Seal

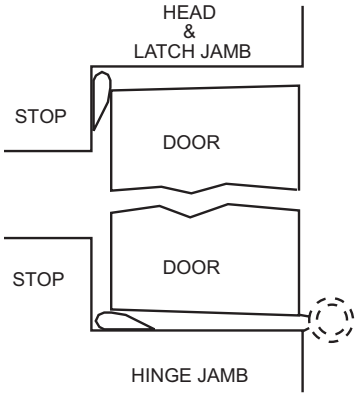


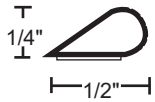
Edge Sealing System - Category "G" for 20 minute rated category B wood doors perimeter application up to:
single swing 4'0 x 8'0
pairs 8'0 x 8'0
use 9550 at the meeting edge of pairs

Smoke and Draft Control - Category "H"
Up to 3 hours Hollow Metal fire doors
Up to 90 minutes Wood fire doors

Meets requirements of RoHS Directive

See adhesive specifications on page G9





ANTI-LIG 5050B Brown
ANTI-LIG 5050C Charcoal
ANTI-LIG 5050W White
ANTI-LIG 5050CL Clear

Available per foot (bulk) or in stock length 300' rolls.

Anti-ligature Silicone Bulb Fire and Smoke Seal

5050 silicone bulb seal available with serrations every 8" designed to break apart preventing it from being used to hang or strangle.

Applications include psychiatric facilities, prisons and other treatment facilities.

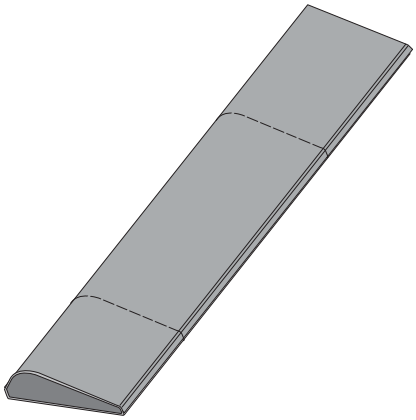
Installs as a continuous length providing the same sealing properties for light, sound, air and smoke as our original 5050.

Edge Sealing System - Category "G" for 20 minute rated category B wood doors perimeter application up to:
single swing 4'0 x 8'0
pairs 8'0 x 8'0
use 9550 at the meeting edge of pairs

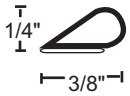
Smoke and Draft Control - Category "H"
Up to 3 hours Hollow Metal fire doors
Up to 90 minutes Wood fire doors

Meets requirements of RoHS Directive

See adhesive specifications on page G9



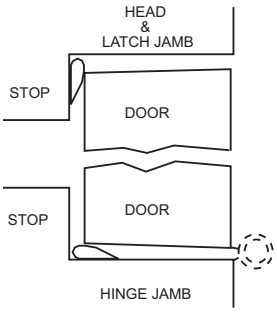
Self-Adhesive Silicone Gasketing

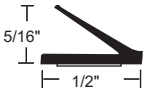


2525B Brown
2525C Charcoal
2525W White

Silicone Bulb Smoke Seal

Available in 17', 20', 21', 25' and 300' rolls.

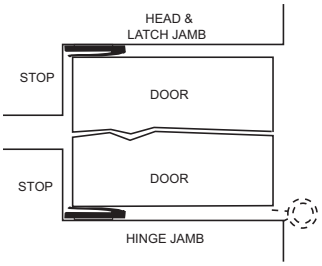


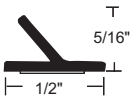


5040B Brown

Silicone Fin Smoke Seal

Available in 17', 20', 25', 300' rolls

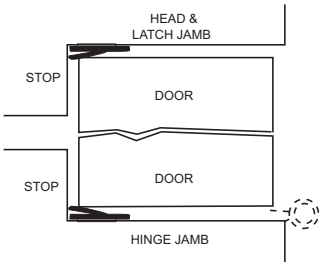




5060B Brown
5060CL Clear

Silicone Fin Smoke Seal

Available in 17' and 21' rolls.

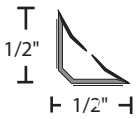


Adhesive specifications: Modified acrylic pressure sensitive adhesive protected by release liner. Provides high initial adhesion and long term holding power for permanent mounting in exterior or interior locations. Resistant to aging, weathering, UV radiation, water, detergent, alcohol and the influence of chemicals. End use temperature range, long term exposure -30˚F up to 250˚F. Shelf life of adhesive prior to installation is one year when stored at 75˚F and 50% relative humidity or less.

Self-Adhesive TPE Gasketing

Properties:

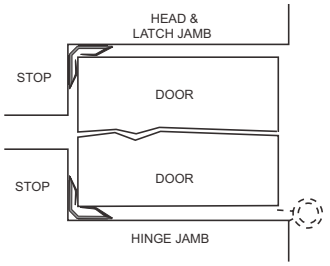
- Thermo-Plastic Elastomer (TPE)
- Good abrasion resistance
- Moisture resistant
- BHMA certified to ANSI/BHMA A156.22 performance tests for heat, cold, air infiltration and smoke infiltration
- Adhesive specifications shown on page G9
- Rigid PVC base with flexible elastomeric fins
- Flame resistant
- Temperature range -60˚F to 275˚F
- Anti-microbial: treated with an anti-microbial additive to inhibit the growth of microorganisms.
- REACH and RoHS compliant

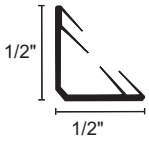


TPE Batwing Smoke Seal

5020B Brown
5020C Charcoal
5020W White
5020CL Clear

Available in 36", 48", 72", 84", 96" and 108" lengths



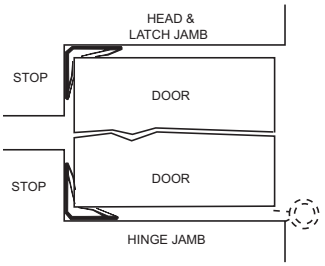


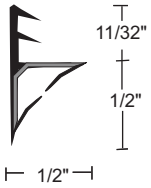
TPE Double Batwing Smoke Seal

Superior sealing characteristics against smoke, air & sound

5025B Brown
5025C Charcoal
5025W White
5025CL Clear

Available in 36", 48", 72", 84", 96" and 108" lengths



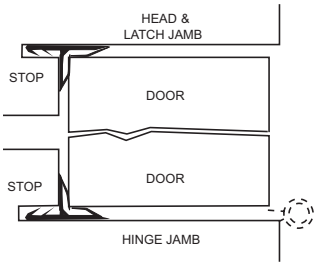


TPE Batwing Smoke Seal (Kerf Press-in)

5021B Brown
5021C Charcoal
5021W White

Fits Kerf 1/8" wide x 7/16" deep

Available in 36", 48", 84", 96" and 108" lengths



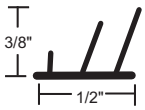
* Anti-microbial not available in clear

Self-Adhesive TPE Gasketing

Properties:

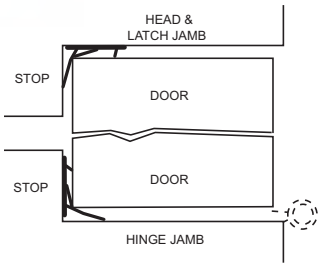
- Thermo-Plastic Elastomer (TPE)
- Good abrasion resistance
- Moisture resistant
- BHMA certified to ANSI/BHMA A156.22 performance tests for heat, cold, air infiltration and smoke infiltration
- Adhesive specifications shown on page G9
- Rigid PVC base with flexible elastomeric fins
- Flame resistant
- Temperature range -60˚F to 275˚F
- Anti-microbial: treated with an anti-microbial additive to inhibit the growth of microorganisms.
- REACH and RoHS compliant

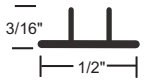




5075B Brown
5075CL Clear

Available in 36", 48", 72", 84", 96" and 108" lengths



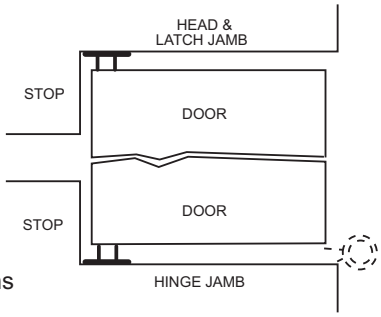


TPE Double Shark Fin Smoke Seal

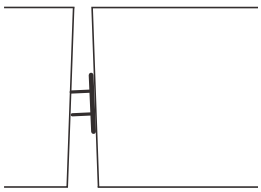
Smoke rated for perimeter and/or meeting edge astragal applications

5070B Brown
5070CL Clear

Available in 36", 48", 72", 84", 96" and 108" lengths



* Anti-microbial not available in clear



Astragal application
pair of doors

Self-Adhesive Gasketing

Adhesive bonds for permanent mounting once installed
Shelf life of adhesive products prior to installation is one year



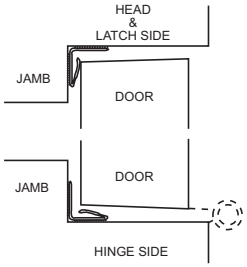
Rigid Black Vinyl Seal

PF180

* 10C *

*up to 3 hours metal doors, 60 minute wood doors

Available in 36", 48", 86", 96" & 120" lengths





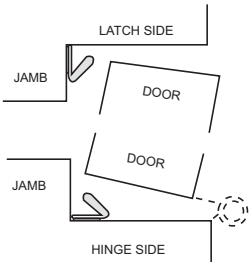
Q-Ion Foam Seal

PF183 Brown polyethylene liner, foam core

* 10C * BHMA

*up to 3 hours metal doors, 60 minute wood doors

Available in 36", 48", 86", 96" & 120" lengths



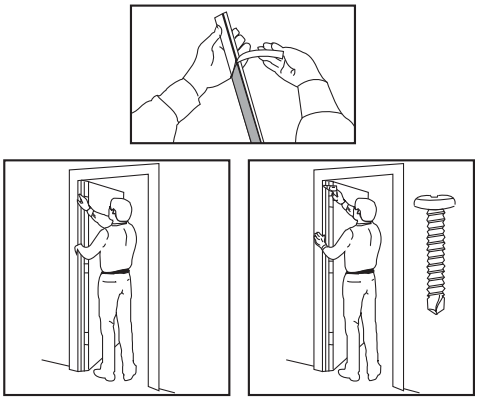
"FATT"

Fast Attach Two-Way Tape

Fast attach two way tape provides an easy and effective alternative for gasketing installation. Two way tape is applied to the metal housing insuring a quick and easy installation. Then for security, 3 tek-type self drilling screws are provided to further secure each piece of material to the frame stop. A no problem installation with no holes to drill.

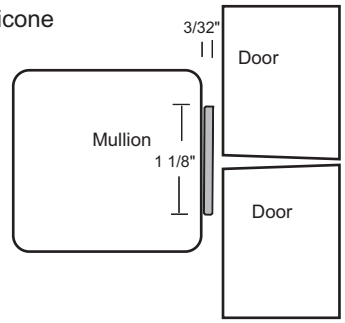
To order add suffix "FATT" to product number. See price list for products available with this feature.

FATT IS NOT CLASSIFIED FOR USE ON FIRE DOORS.



Seal for Mullion Applications

5100N Black Silicone
5100S Gray Silicone



Closed cell silicone sponge strip 1-1/8" wide x 3/32" thick with an adhesive strip for mounting directly to the face of the mullion that doors close against.

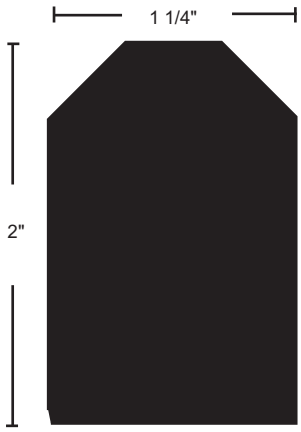
Available in 86" and 96" lengths

Self-Adhesive

See adhesive specifications on page G9

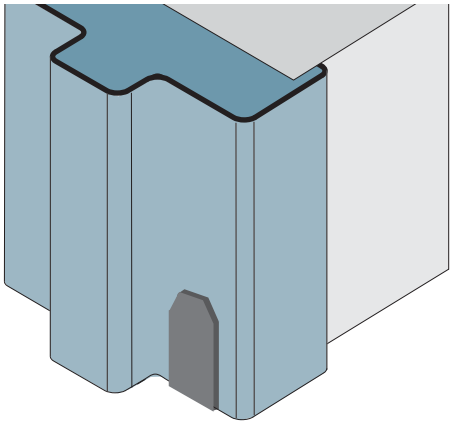
Corner Pad

54CP Black polypropylene pile

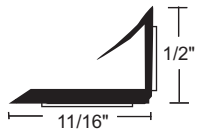


Helps acoustics and seals corner gap for air leakage control. Apply to jamb on hinge side, opposite bottom corner of door edge.

Self Adhesive



NGP-Edge® Sealing System/Smoke and Draft Control Gasketing Category "G" and "H" Classified



9450B Brown
9450C Charcoal



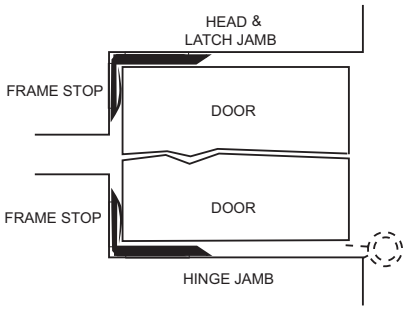
Intumescent with TPE Fin Fire and Smoke Seal

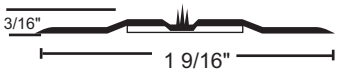
20, 45, 60, 90 minute rated category B wood doors
perimeter application up to:
single swing 4'0 x 9'0
standard pair 8'0 x 9'0 use 9550 at the meeting edge

1/8" clearance required between door and frame

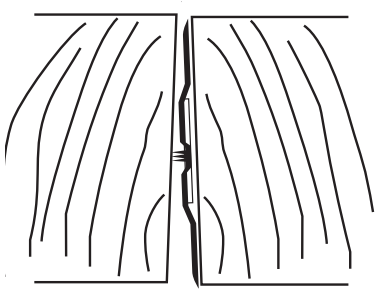
Available in 36", 48", 84", 96" and 108" lengths

Self-Adhesive
See adhesive specifications on page G9





9550 Gray
9550DKB Brown



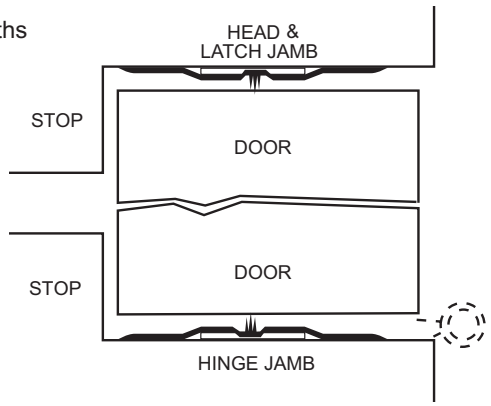
NGP-Edge® Intumescent with TPE Fins Fire and Smoke Seal

20, 45, 60, 90 minute rated category B wood doors up to:
single swing 4'0 x 9'0, perimeter application
pairs 8'0 x 9'0, perimeter/meeting edge

1/8" clearance required between doors and between door & frame

Available in 36", 48", 84", 96" and 108" lengths

Self-Adhesive
See adhesive specifications on page G9



NGP-Edge® Sealing System/Smoke and Draft Control Gasketing
Category 'G' and 'H' Classified



9850B Brown
9850C Charcoal

Intumescent with TPE Fire and Smoke Seal

20, 45, 60, 90 minute rated category B wood doors perimeter application up to:

single swing	4'0 x 9'0
pairs	8'0 x 9'0



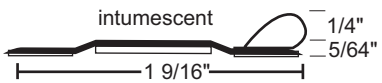
9750B Brown
9750C Charcoal

1/8" clearance required between door and frame

Available in 36", 48", 84", 96" and 108" lengths

Self-Adhesive

See adhesive specifications on page G9

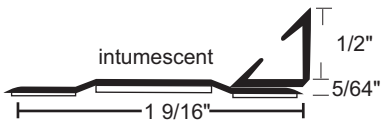


9500DKB x 2525B Brown
9500 x 2525B Gray x Brown
9500 x 2525W Gray x White

NGP-Edge® Intumescent Fire Seal x Smoke Seal

20, 45, 60, 90 minute rated category B wood doors perimeter application up to:

single swing	4'0 x 9'0
pairs	8'0 x 9'0



9500DKB x 5020B Brown
9500 x 5020B Gray x Brown

1/8" clearance required between door and frame

Available in 36", 48", 84", 96" and 108" lengths

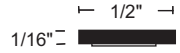
Self-Adhesive

See adhesive specifications on page G9

Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

NGP-Edge® Sealing Systems - Category 'G' Classified

NGP Intumescent materials are formulated to expand at 375°F to 400°F up to 8-10 times their original thickness; completely sealing the gap around and between doors during a fire.



9800B Brown
9800C Charcoal
9800W White

Intumescent with Protective Skin

Available in 17', 21' and 150' rolls

Self-Adhesive

See adhesive specifications on page G9

Intumescent Fire Seal

Perimeter Application:

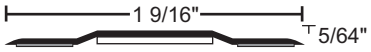
20, 45, 60, 90 minute rated category B wood doors up to

single swing	4'0 x 9'0
pairs	8'0 x 9'0

Meeting Edge Application up to 8'0 x 9'0 pairs of category B wood doors:

20 Minute rated with single strip installed

45, 60 Minute rated with two strips installed



9500 Gray
9500DKB Brown

Intumescent with PVC cover

Available in 36", 48", 84", 96" and 108" lengths

Self-Adhesive

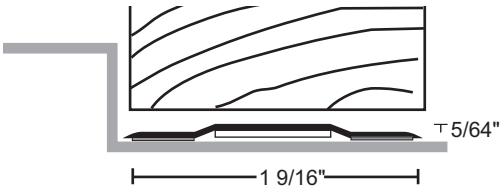
See adhesive specifications on page G9

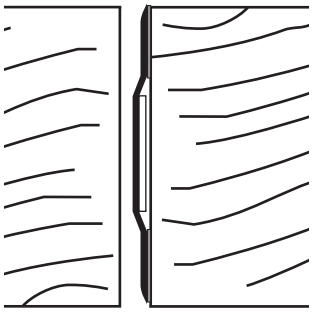
NGP-Edge® Intumescent Fire Seal

20, 45, 60, 90 minute rated category B wood doors up to:

single swing	4'0 x 9'0, perimeter application
pairs	8'0 x 9'0, perimeter/meeting edge

U.S. Pat. DES 417,739





1/8" clearance required between doors and between door and frame

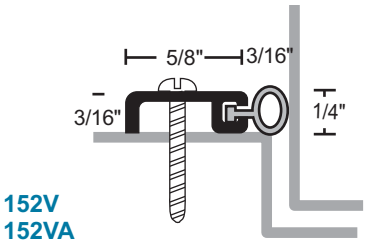
Vinyl Seals

All vinyl seals this section

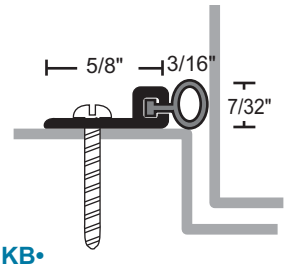
Properties
- Thermoplastic polymer: Polyvinyl Chloride (PVC) formulated with an environmentally friendly Bio-based plasticizer
- Economical
- Flame resistant
- Moisture resistant
- Temperature range 0°F to 140°F
- Oxidative degradation from age and exposure to Cold, Heat and UV causes hardening, loss of memory and resilience, cracking, crazing and discoloration

A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
vinyl is gray
exception: •vinyl is black

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment

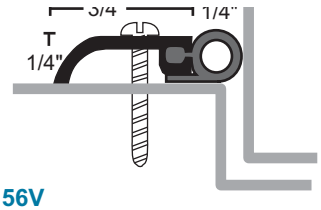


152V
152VA
152VB
152VDKB•

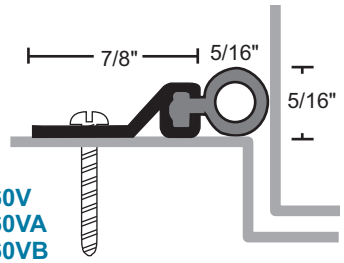


155V
155VB
155VDKB•

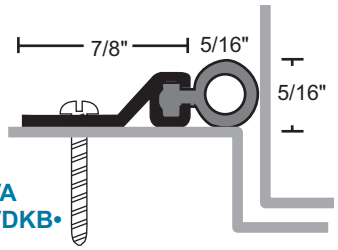




156V
156VDKB

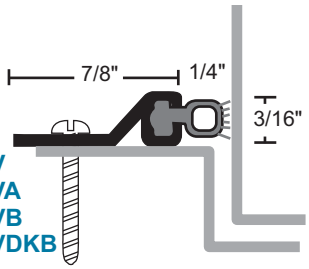


160V
160VA
160VB
160VDKB•

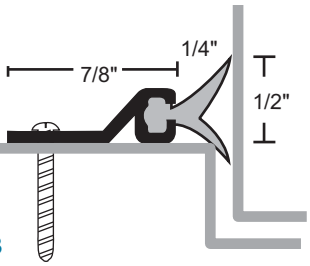


161VA
161VDKB•

.07 aluminum for military specs



164V
164VA
164VB
164VDKB

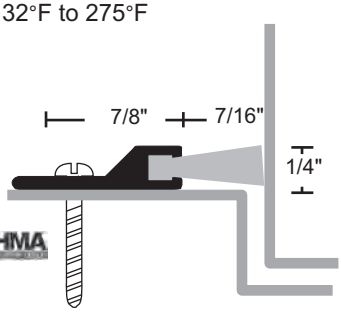


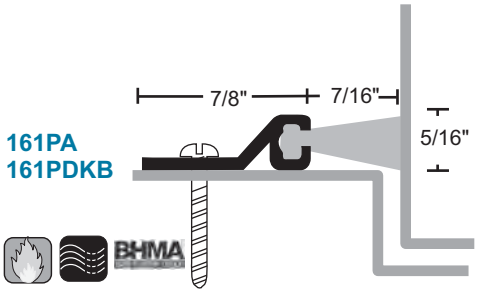
190V
190VA
190VB
190VDKB

Polypropylene Pile Seals

Temperature range 32°F to 275°F
Pile is gray

185P
185PA
185PB
185PDKB





161PA
161PDKB

.07 aluminum for military specs

Neoprene Sponge Seals

All products this page

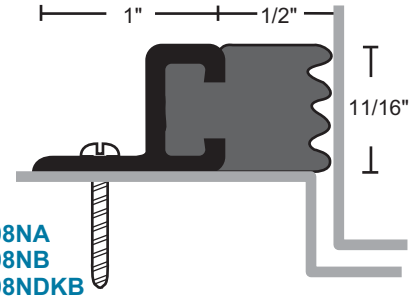
A - anodized aluminum
B - gold
DKB - dark bronze
neoprene is black

Properties:
- Synthetic rubber polymer blend: PVC, Nitrile rubber (NBR), and Chloroprene closed cell advanced elastomeric foam
- Very good abrasion resistance, tensile strength and memory
- Flame resistant
- Moisture resistant
- Temperature range -20°F to 200°F
- Good resistance to ozone, sunlight and aging
- BHMA Certified to ANSI/BHMA A156.22 performance tests for Heat, Cold, Air Infiltration and Smoke Infiltration

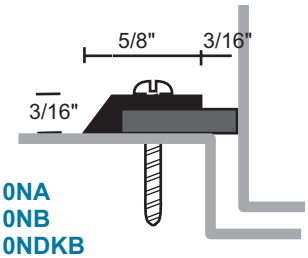
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes slotted for adjustment



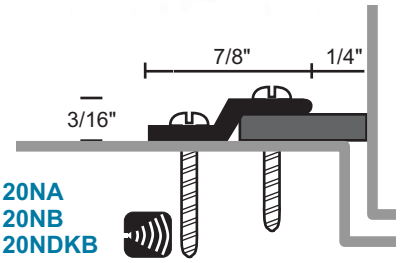
Closed Cell Sponge



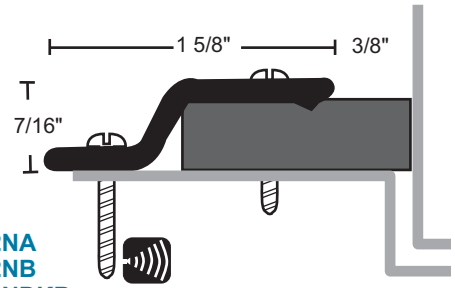
108NA
108NB
108NDKB



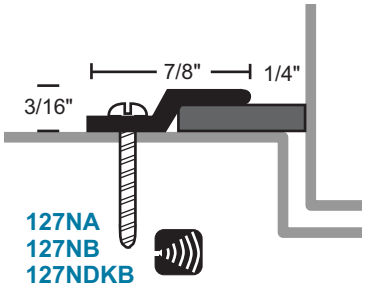
110NA
110NB
110NDKB



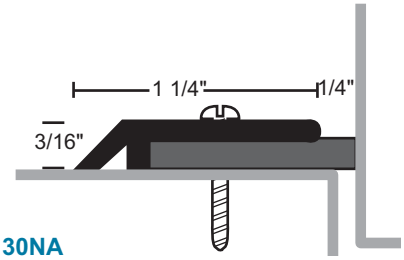
120NA
120NB
120NDKB



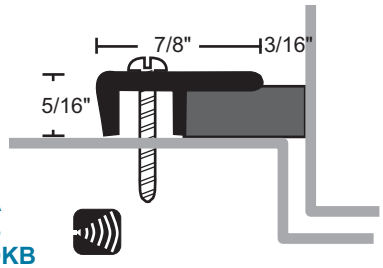
122NA
122NB
122NDKB



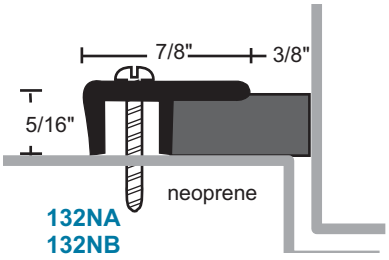
127NA
127NB
127NDKB



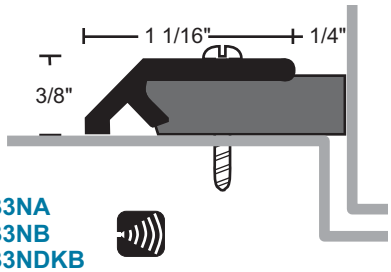
130NA
130NB
130NDKB



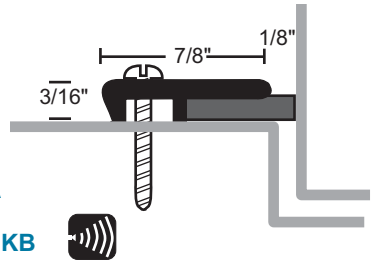
131NA
131NB
131NDKB



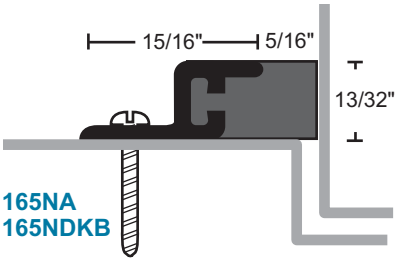
132NA
132NB
132NDKB



133NA
133NB
133NDKB



134NA
134NB
134NDKB



165NA
165NDKB

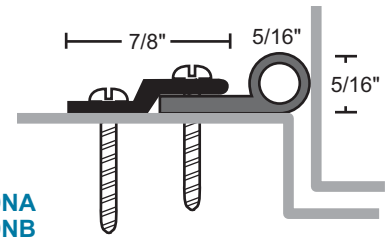
Neoprene Bulb Seals

All neoprene seals this section

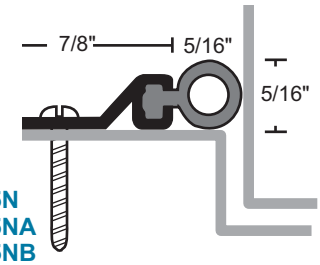
Properties:
- Synthetic rubber polymer blend: Chloroprene and EPDM
- Very good abrasion resistance, tensile strength and memory
- Flame resistant
- Moisture resistant
- Temperature range -20°F to 200°F
- Good resistance to ozone, sunlight and aging
- BHMA Certified to ANSI/BHMA A156.22 performance tests for Heat, Cold, Air Infiltration and Smoke Infiltration

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment

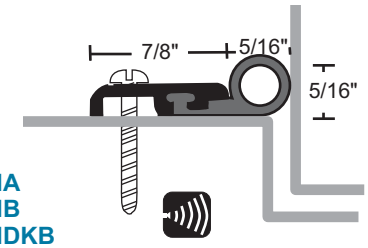
Dense Bulbs



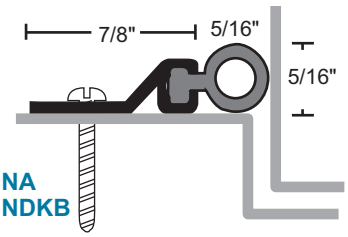
129NA
129NB
129NDKB



135N
135NA
135NB
135NDKB



137NA
137NB
137NDKB



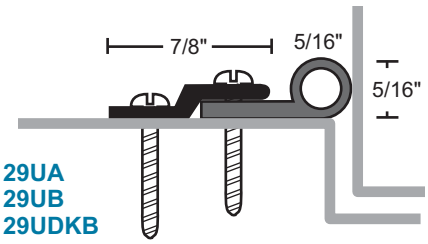
161NA
161NDKB

.07 aluminum for military specs

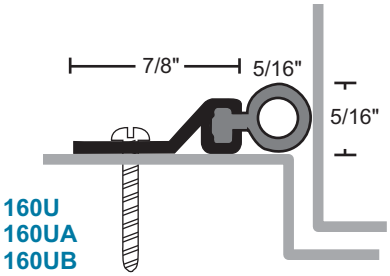
Polyurethane Seals

Properties:
- Very good abrasion resistance, tensile strength, memory and UV resistance.
- Flame resistant
- Moisture resistant
- Temperature range -65°F to 175°F

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment



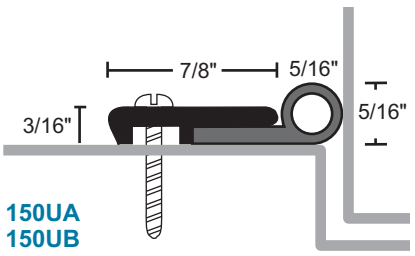
129UA
129UB
129UDKB



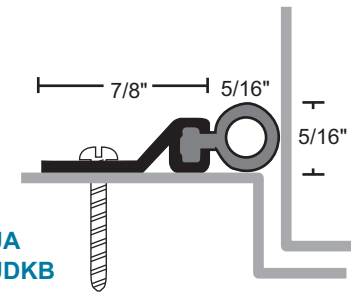
160U
160UA
160UB
160UDKB

All polyurethane seals this section

A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
neoprene is black
polyurethane is black



150UA
150UB
150UDKB



161UA
161UDKB

.07 aluminum for military specs

Silicone Seals

All products this page

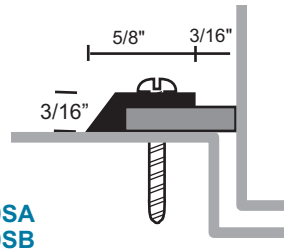
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
silicone sponge is gray

Properties:
- Synthetic rubber polymer: Siloxane closed cell sponge
- Excellent flexibility and memory
- Flame resistant
- Moisture resistant
- Temperature range -100°F to 500°F, remains flexible at extreme temperatures
- Excellent resistance to ozone, UV and aging
- Recommended for areas using FM200 or Halon Fire Suppression Systems
- BHMA Certified to ANSI/BHMA A156.22 performance tests for Heat, Cold, Air Infiltration and Smoke Infiltration

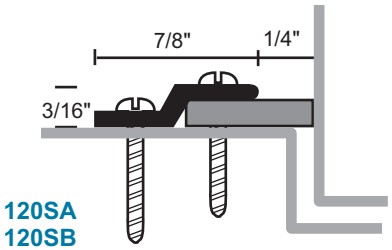
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment



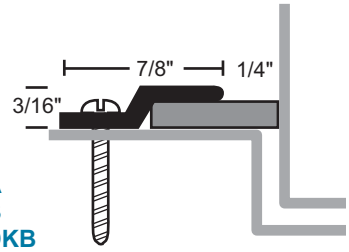
Closed Cell Sponge



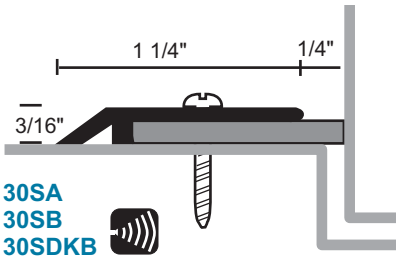
110SA
110SB
110SDKB



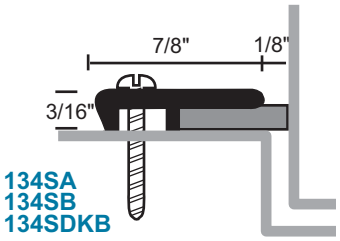
120SA
120SB
120SDKB



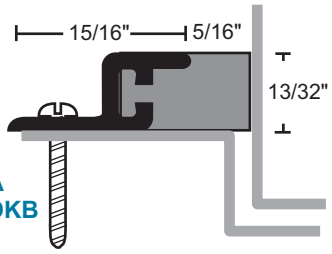
127SA
127SB
127SDKB



130SA
130SB
130SDKB



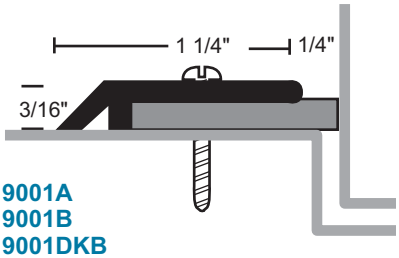
134SA
134SB
134SDKB



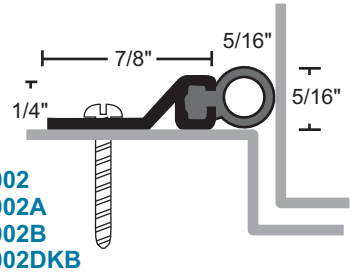
165SA
165SDKB

Silicone Plus

Specially formulated to withstand greater temperature extremes while providing maximum protection against air infiltration. Silicone Plus gasket material is tan.



9001A
9001B
9001DKB



9002
9002A
9002B
9002DKB

Silicone Seals

Properties:
- Synthetic rubber polymer: Siloxane
- Excellent flexibility and memory
- Flame resistant
- Moisture resistant
- Temperature range -100°F to 500°F, remains flexible at extreme temperatures
- Excellent resistance to ozone, UV and aging
- Recommended for areas using FM200 or Halon Fire Suppression Systems
- BHMA Certified to ANSI/BHMA A156.22 performance tests for Heat, Cold, Air Infiltration and Smoke Infiltration

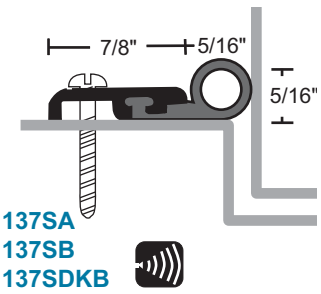
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment

All silicone seals this section

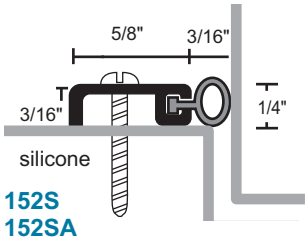
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
dense silicone is black
exception: 137 silicone is gray



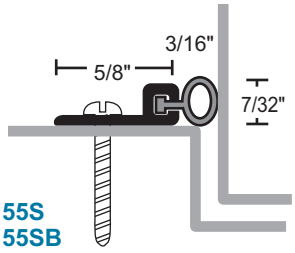
Dense Bulbs



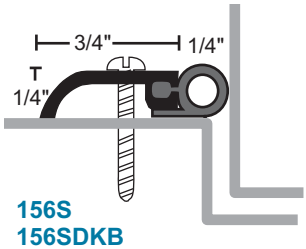
137SA
137SB
137SDKB



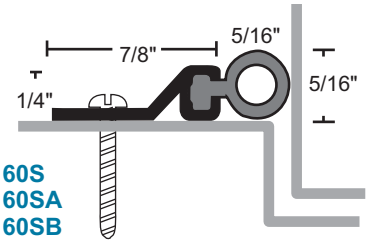
152S
152SA
152SB
152SDKB



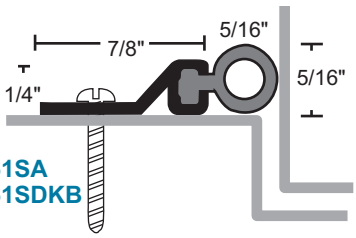
155S
155SB
155SDKB



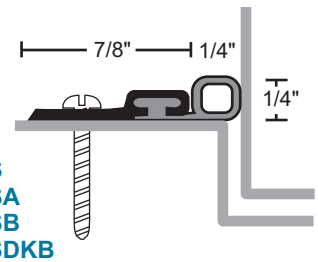
156S
156SDKB



160S
160SA
160SB
160SDKB



161SA
161SDKB

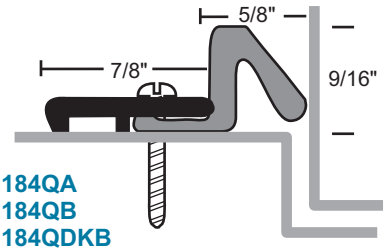


162S
162SA
162SB
162SDKB

.07 aluminum for military specs

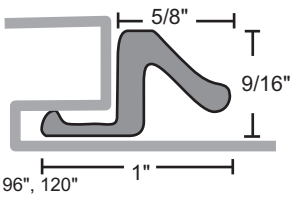
Q-Lon® Foam Seals

Brown polyethylene liner with foam core



184QA
184QB
184QDKB

Kerf Application
Fits 1/8" wide x
7/16" deep kerf



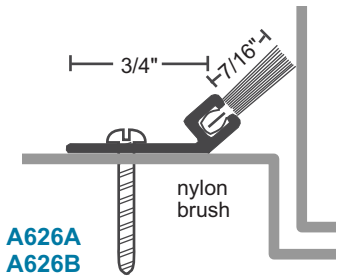
284Q
Stock lengths: 36", 48", 96", 120"

Nylon Brush Seals

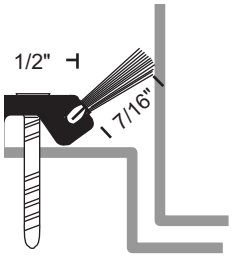
Properties:
- Synthetic polymer: Polyamide
- Excellent abrasion resistance, flexibility and memory
- Moisture resistant
- Retains insecticides well
- Temperature range -70°F to 425°F
- BHMA Certified to ANSI/BHMA A156.22 performance tests for Heat, Cold, Air Infiltration and Smoke Infiltration in most common profiles as indicated by BHMA Certified symbol.
- REACH and RoHS compliant
- Not effective against water penetration

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment

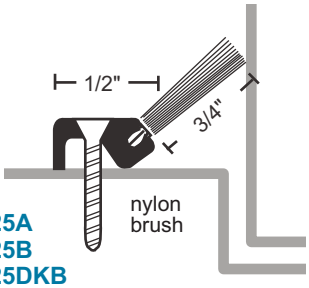
A - anodized aluminum with gray brush
B - gold with black brush
DKB - dark bronze with black brush
no suffix - mill aluminum with gray brush



A626A
A626B
A626DKB

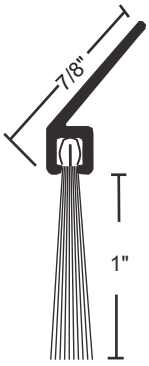


A625A
A625B
A625DKB

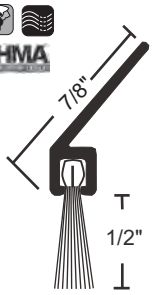


F625A
F625B
F625DKB

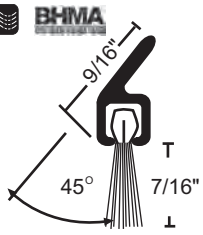
603A
603DKB

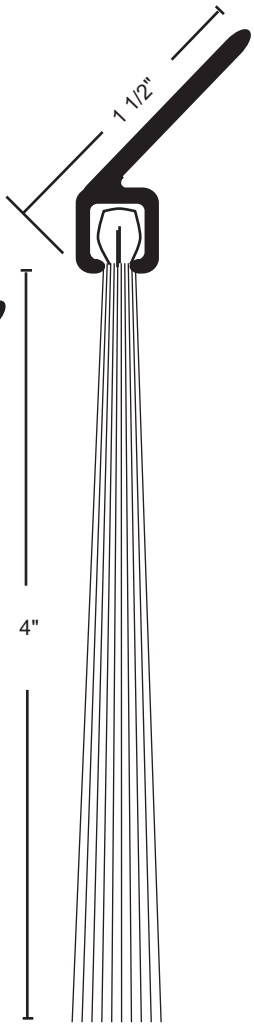


602A
602DKB

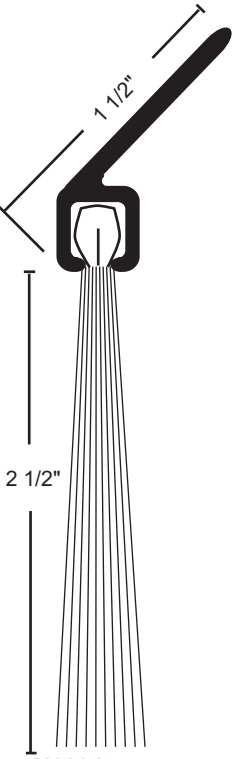


A617A
A617DKB

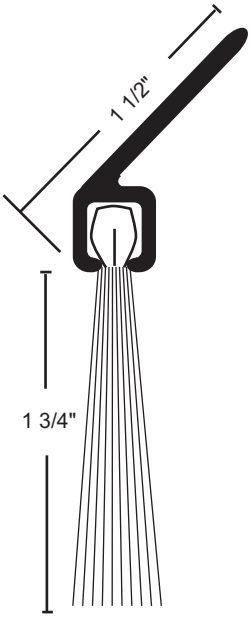




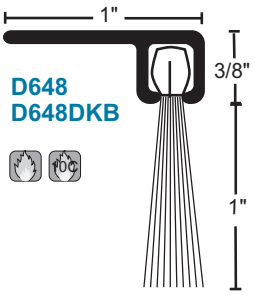
I-624A
I-624DKB



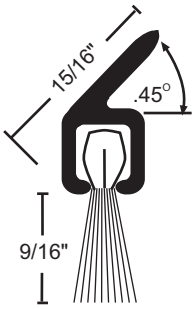
H623A
H623DKB



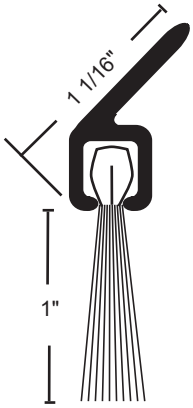
G622A
G622DKB



D648
D648DKB



C619A
C619DKB



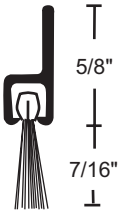
D620A
D620B
D620DKB

* up to 3 hours metal doors, 1 hour wood doors.

Nylon Brush Seals

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished. Screw holes slotted for adjustment.

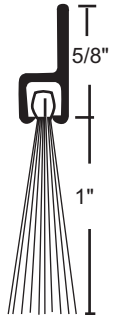




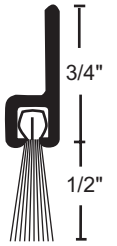
A605A
A605B
A605DKB



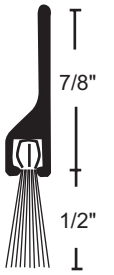
OV634A
OV634B
OV634DKB



OV633A
OV633B
OV633DKB



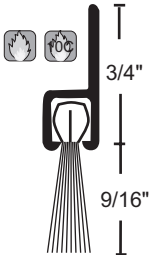
B606A
B606B
B606DKB

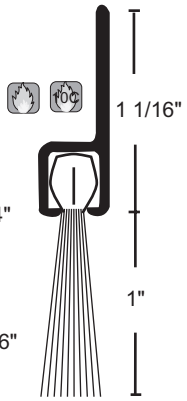


600
600A
600B
600DKB



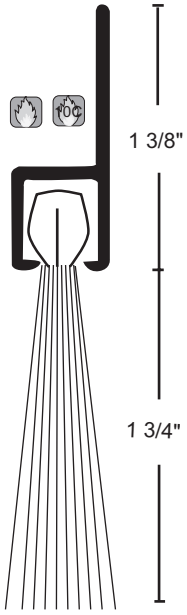
601
601A
601B
601DKB



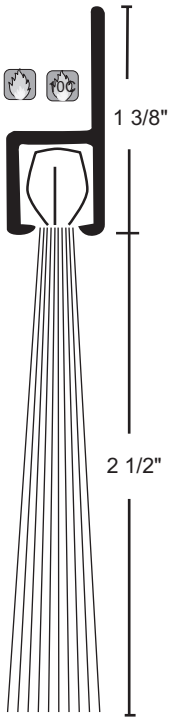


C607A
C607B
C607DKB

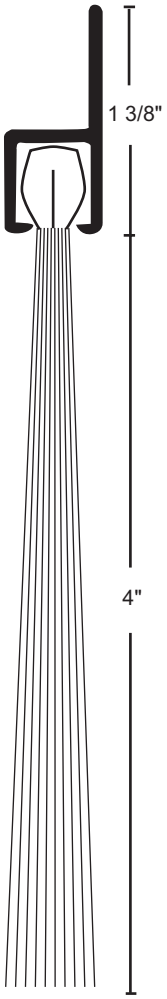
D608A
D608B
D608DKB



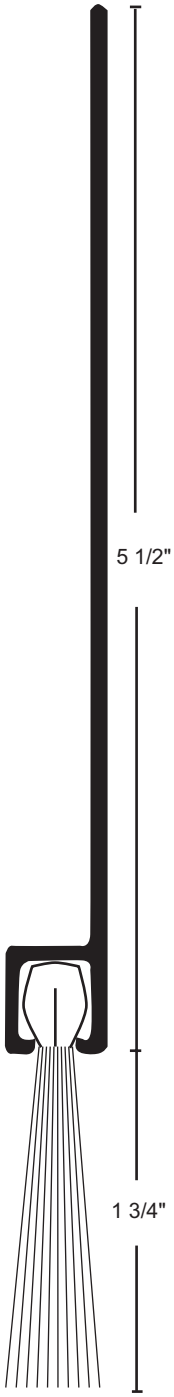
G610A
G610B
G610DKB



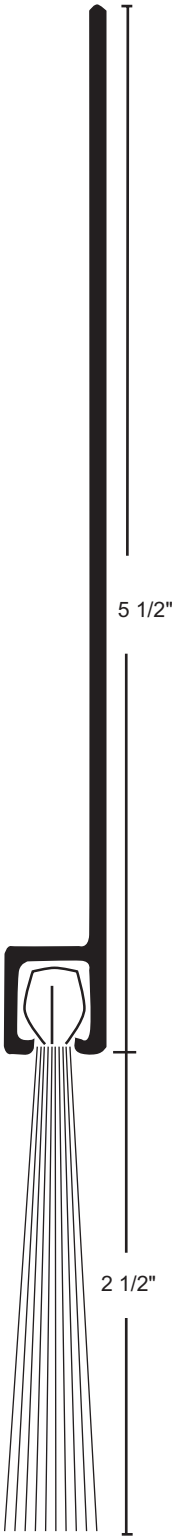
H612A
H612B
H612DKB



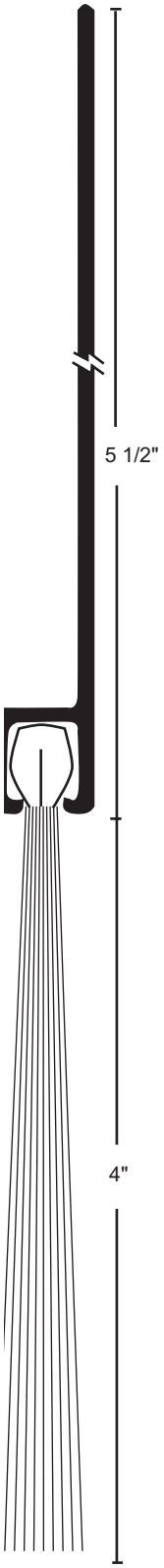
I-615A
I-615B
I-615DKB



G611A
G611DKB

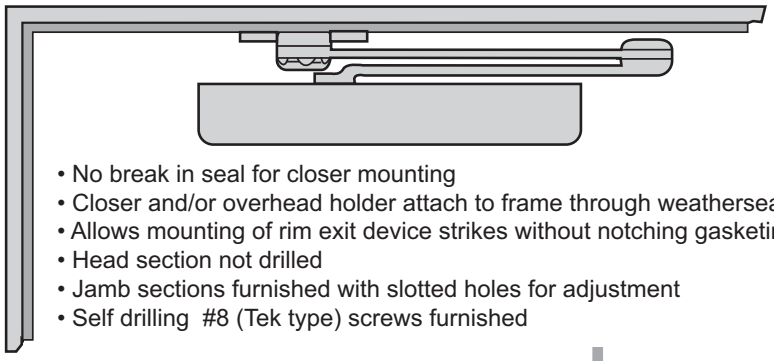


H614A
H614DKB



I-616A
I-616DKB

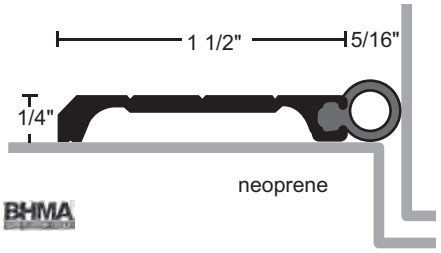
Perimeter Seals Compatible with Parallel Arm Closers



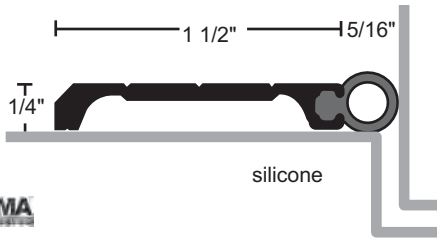
- No break in seal for closer mounting
- Closer and/or overhead holder attach to frame through weatherseal section. Install seal first
- Allows mounting of rim exit device strikes without notching gasketing
- Head section not drilled
- Jamb sections furnished with slotted holes for adjustment
- Self drilling #8 (Tek type) screws furnished

A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
vinyl & pile are gray
neoprene, silicone, & polyurethane are black, silicone+ is tan

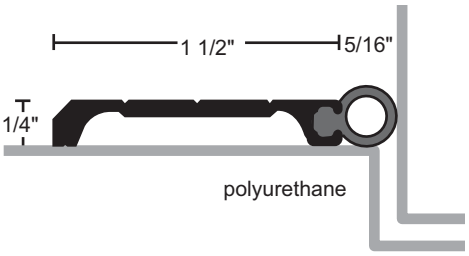
700EN
700ENDKB



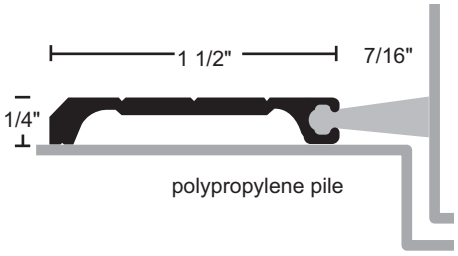
700ES
700ESDKB



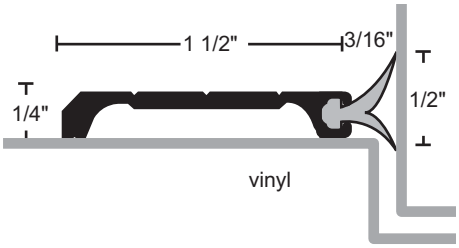
700EU
700EUDKB



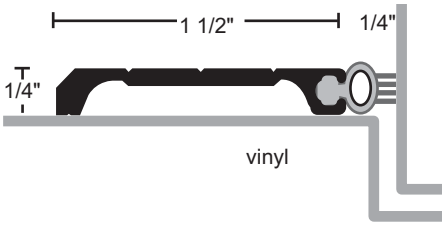
701EP
701EPDKB



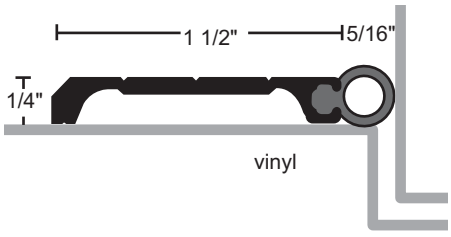
703EV
703EVDKB



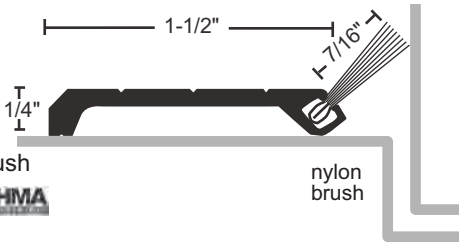
704EV
704EVDKB



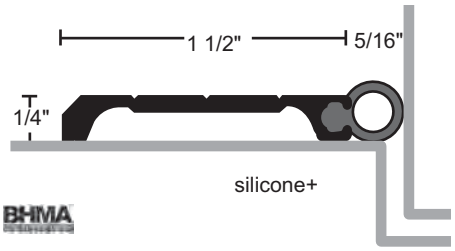
705EV
705EVDKB



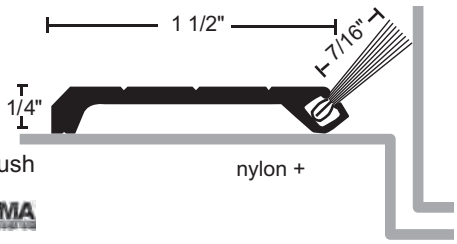
706E - gray brush
706EDKB - black brush



9700E
9700EDKB



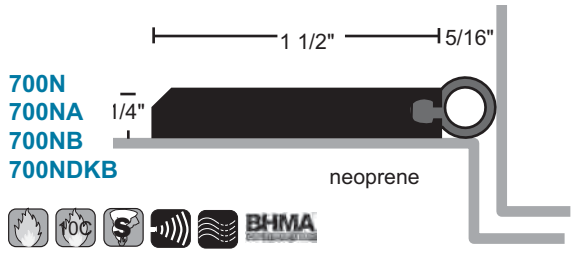
9706E - gray brush
9706EDKB - black brush



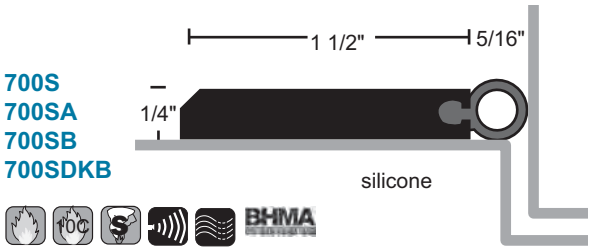
Perimeter Seals Compatible with Parallel Arm Closers

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Specify “cut to width” on order.

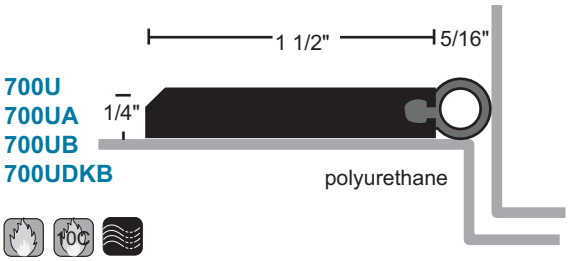
700N
700NA
700NB
700NDKB



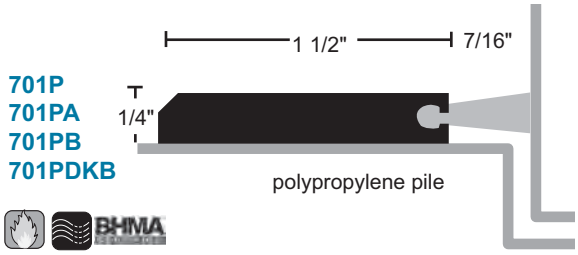
700S
700SA
700SB
700SDKB



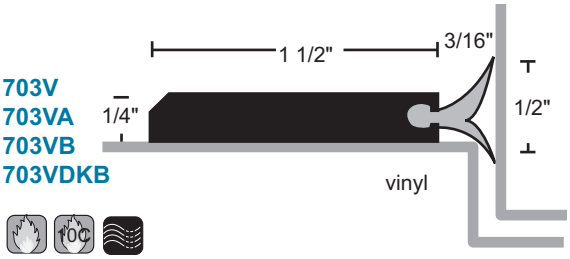
700U
700UA
700UB
700UDKB



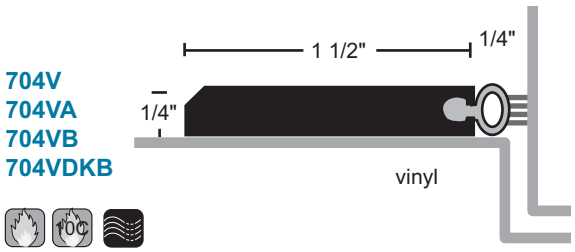
701P
701PA
701PB
701PDKB



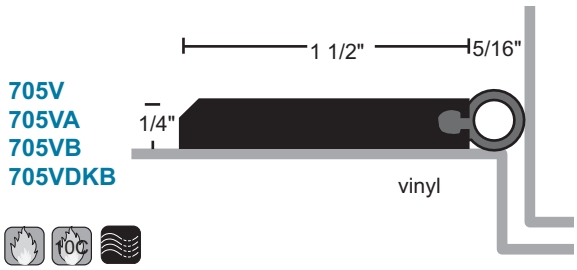
703V
703VA
703VB
703VDKB



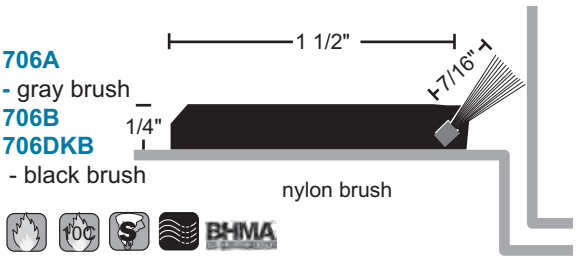
704V
704VA
704VB
704VDKB



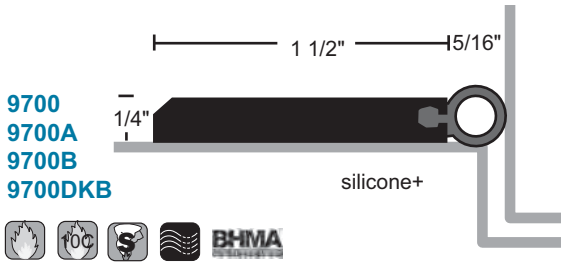
705V
705VA
705VB
705VDKB



706A
- gray brush
706B
706DKB
- black brush



9700
9700A
9700B
9700DKB

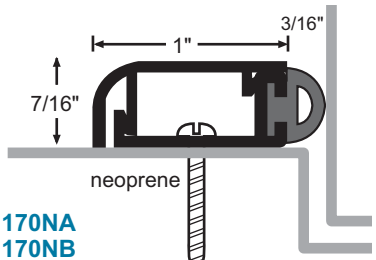


Concealed Fastener Seals

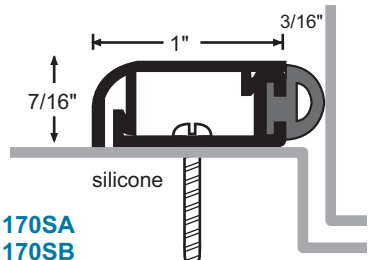
Snap-on cover conceals screw heads for clean appearance

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment

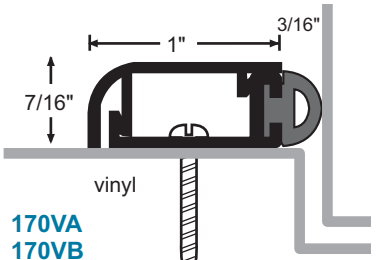
A -anodized aluminum
B - gold
DKB - dark bronze
vinyl & pile are gray
*vinyl is black
neoprene, NGP-TPV & silicone are black
nylon brush is gray with anodized aluminum metal; black with gold and DKB metal



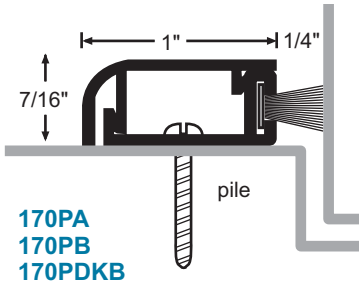
170NA
170NB
170NDKB



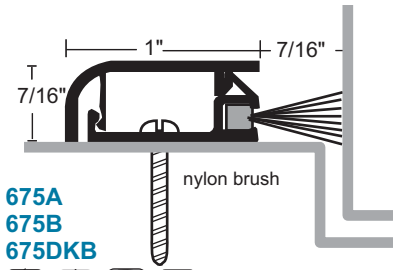
170SA
170SB
170SDKB



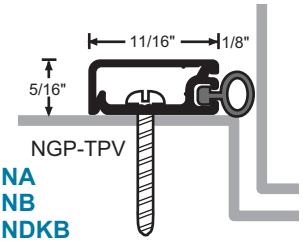
170VA
170VB
170VDKB*



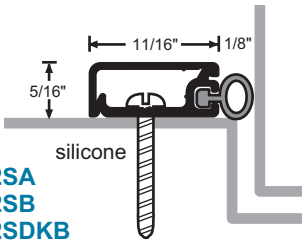
170PA
170PB
170PDKB



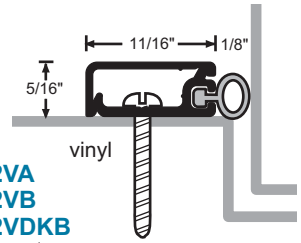
675A
675B
675DKB



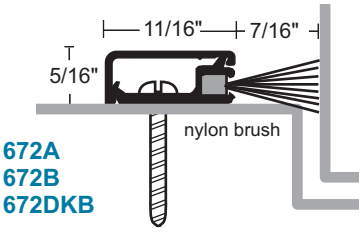
172NA
172NB
172NDKB



172SA
172SB
172SDKB



172VA
172VB
172VDKB



672A
672B
672DKB

Allseal® Gasketing

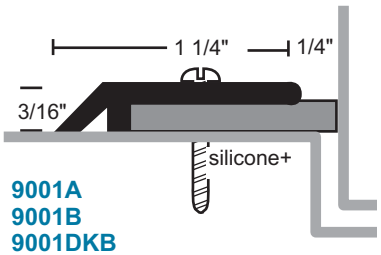
Our exclusive line of premium grade seals specially formulated to withstand greater temperature extremes while providing maximum protection against air infiltration.

All products this page

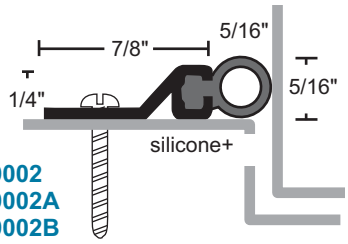
Metal	nylon+	silicone +
A - anodized aluminum	gray	tan
B - gold	black	tan
DKB - dark bronze	black	tan
no suffix - mill aluminum	gray	tan

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment

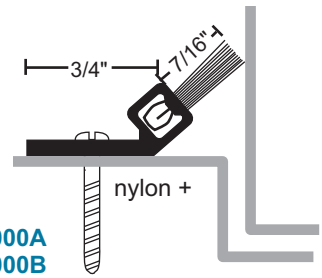
Perimeter Seals



9001A
9001B
9001DKB

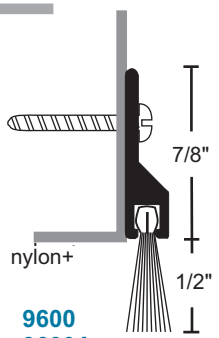


9002
9002A
9002B
9002DKB

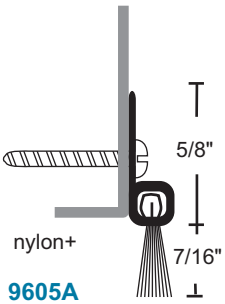


9000A
9000B
9000DKB

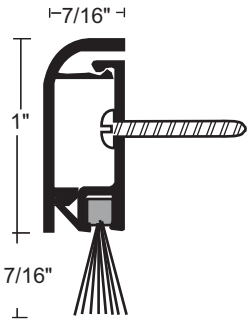
Perimeter Seals or Sweeps



9600
9600A
9600B
9600DKB

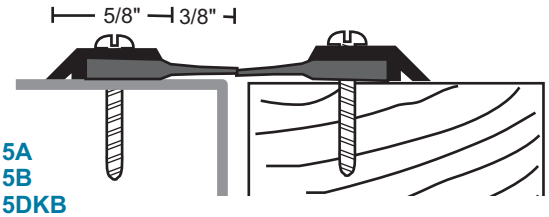


9605A
9605B
9605DKB

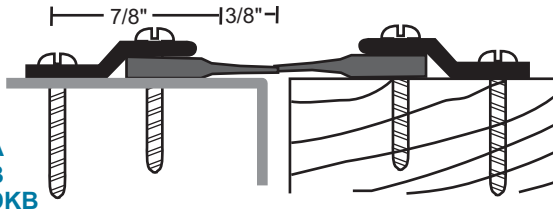


9675
9675A
9675B
9675DKB

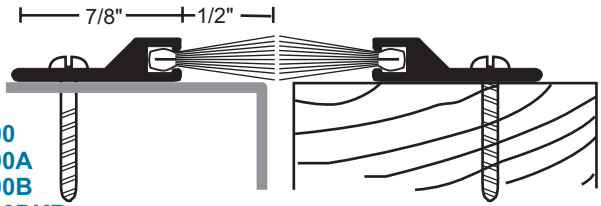
Astragal Seals



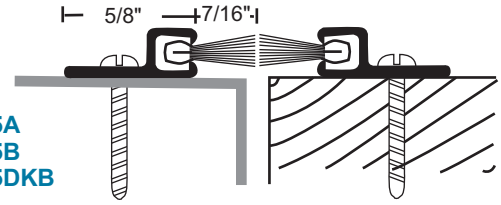
9115A
9115B
9115DKB



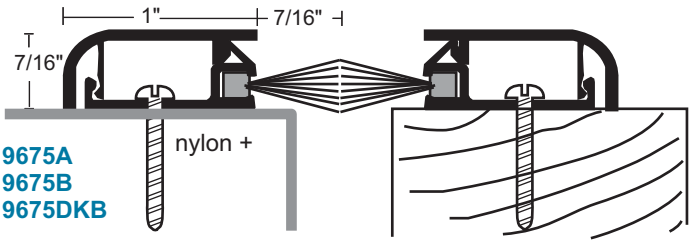
9125A
9125B
9125DKB



9600
9600A
9600B
9600DKB



9605A
9605B
9605DKB



9675A
9675B
9675DKB

Stainless Steel

Stainless steel type 304 brushed #4 finish (US32D, 630)
Neoprene & polyurethane are black, epdm & silicone are gray, silicone+ is tan

#6 X 3/4 stainless steel SMS furnished
Screw holes slotted for adjustment

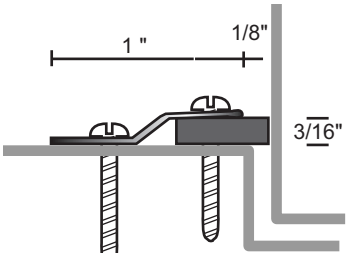
All perimeter seals this section

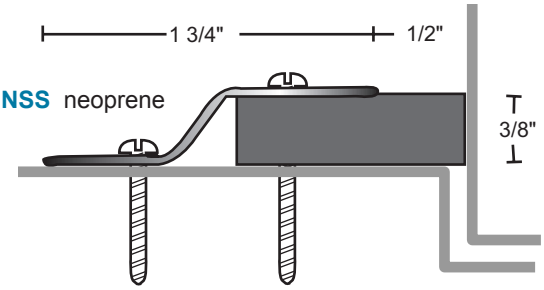
(Exception: 129USS not smoke rated and not BHMA certified)



Perimeter Seals

120NSS neoprene
120SSS silicone

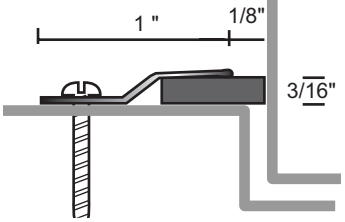




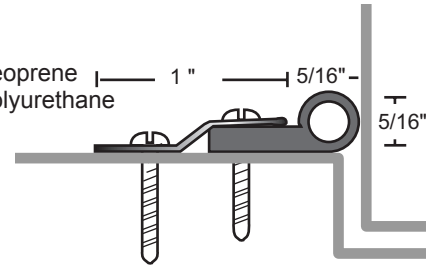
122NSS neoprene

#6 X 3/4" and #6 x 1" stainless steel SMS furnished

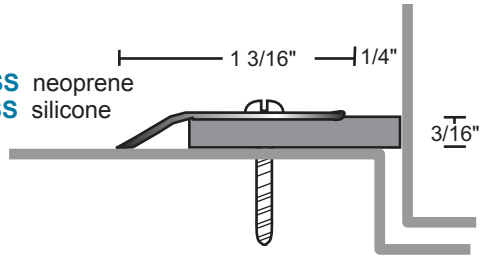
127NSS neoprene
127SSS silicone



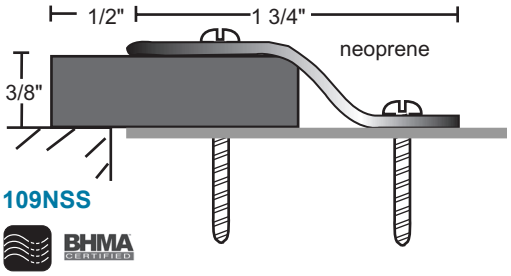
129NSS neoprene
129USS polyurethane



130NSS neoprene
130SSS silicone

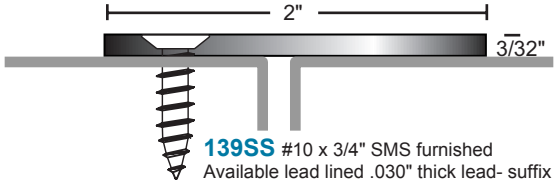


Astragal Seals

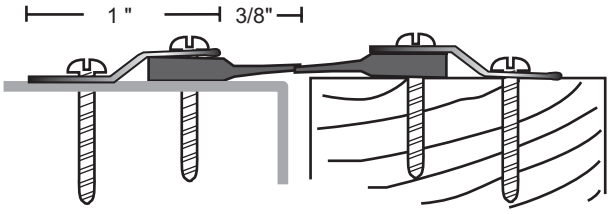


109NSS

#6 X 3/4" and #6 x 1" stainless steel SMS furnished



139SS #10 x 3/4" SMS furnished
Available lead lined .030" thick lead- suffix "LD"



125NSS epdm
9125SS silicone+

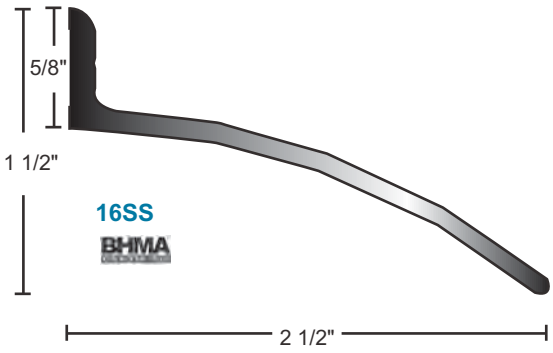
Stainless Steel

Stainless steel type 304 brushed #4 finish (US32D, 630)
neoprene & polyurethane are black, silicone and nylon brush are gray

#6 X 3/4" stainless steel SMS furnished
Screw holes slotted for adjustment

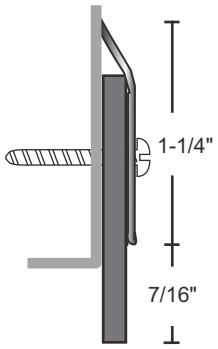
All automatic door bottoms this section

Rain Drip Guard



16SS BHMA

Door Sweep



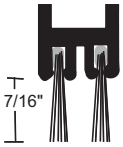
200NSS neoprene BHMA
200USS polyurethane
200SSS silicone BHMA

Automatic Door Bottom

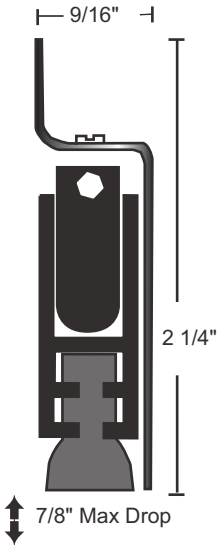
neoprene (1, 2)
221NSS

silicone (1, 2)
221SSS

nylon brush (2)
221WHSS



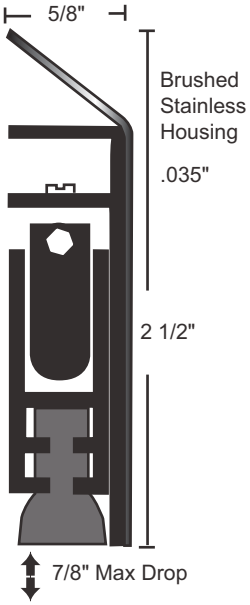
Drop Bar with Nylon Brush - suffix "WH"



neoprene (1, 2)
229NSS

silicone (1, 2)
229SSS

nylon brush (2)
229WHSS



1. Lead insert available for radiation shield - specify "lead-lined"
2. Door Bottom is handed. Right hand supplied unless specified. Field reversible.

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Architectural Bronze

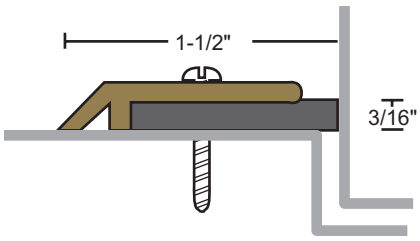
Architectural bronze satin finish (728), similar to US4
Optional finishes: Polished (721), suffix “POL”
Dark Oxidized oil rubbed (722) similar to US10B, suffix DKB

neoprene is black
silicone is gray
#6 x 3/4" brass plated SMS furnished
screw holes slotted for adjustment

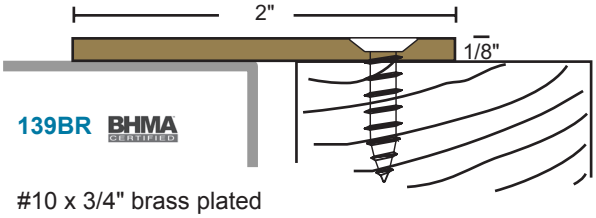
Perimeter Seals

130NBR neoprene
130SBR silicone

BHMA CERTIFIED



Astragal Seals



139BR BHMA CERTIFIED

#10 x 3/4" brass plated
SMS furnished
Available lead lined .030"
thick lead - suffix “LD”

Architectural Bronze

Architectural bronze satin finish (728), similar to US4
Optional finishes: Polished (721), suffix “POL”
Dark Oxidized oil rubbed (722) similar to US10B, suffix DKB

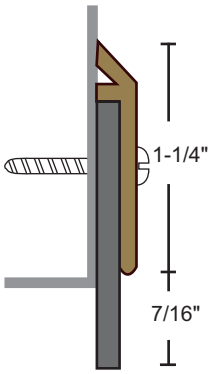
neoprene, polyurethane & nylon brush are black
silicone is gray
#6 x 3/4” brass plated SMS furnished
screw holes slotted for adjustment

Door Sweep

200NBR
neoprene

200SBR
silicone

200UBR
polyurethane



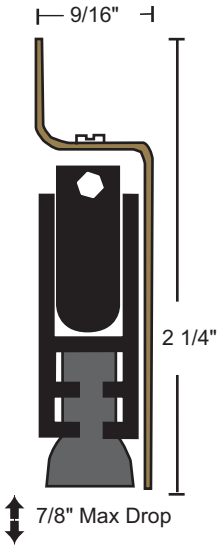
Automatic Door Bottoms

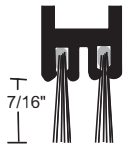
All automatic door bottoms this section

neoprene (1, 2)
221NBR

silicone (1, 2)
221SBR

nylon brush (2)
221WHBR



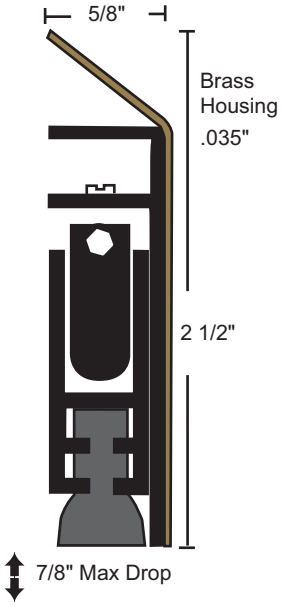


Drop Bar with Nylon Brush - suffix “WH”

neoprene (1, 2)
229NBR

silicone (1, 2)
229SBR

nylon brush (2)
229WHBR



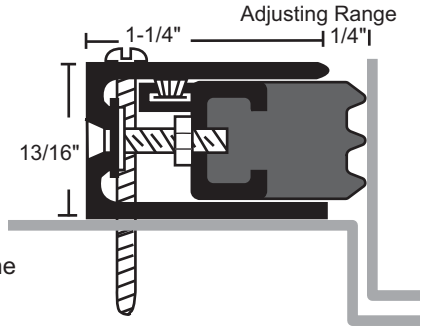
1. Lead insert available for radiation shield - specify “lead-lined”
2. Door Bottom is handed. Right hand supplied unless specified. Field reversible.

Adjustable Perimeter Seals

- Adjustment screws on 10" centers allow adjustment without re-positioning mounting location.

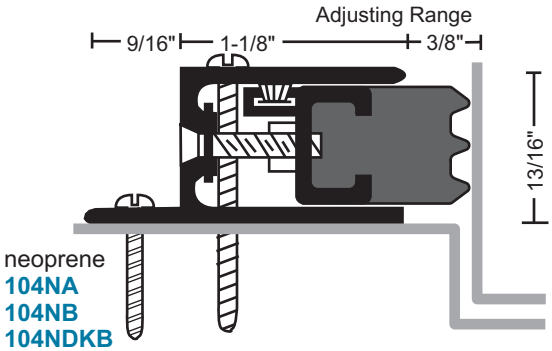
#6 x 3/4" or #6 x 1-1/2" Stainless Steel SMS furnished

A - anodized aluminum
B - gold
DKB - dark bronze
Neoprene & 106 silicone are black
107 silicone is gray

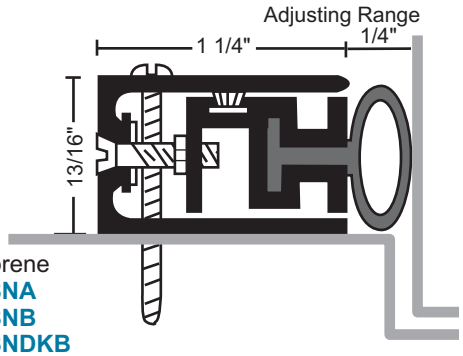


neoprene
103NA
103NB
103NDKB

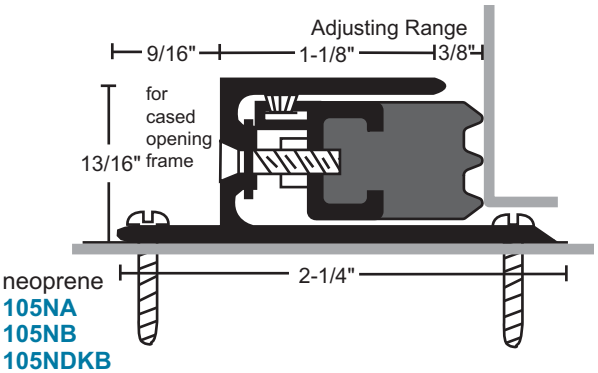
Option: Foam back seal - suffix 'FS'



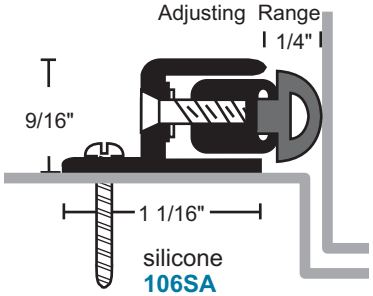
neoprene
104NA
104NB
104NDKB



neoprene
1038NA
1038NB
1038NDKB

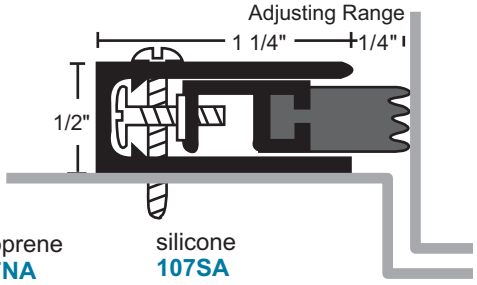


neoprene
105NA
105NB
105NDKB



neoprene
106NA
106NB
106NDKB

silicone
106SA
106SB
106SDKB



neoprene
107NA
107NB
107NDKB

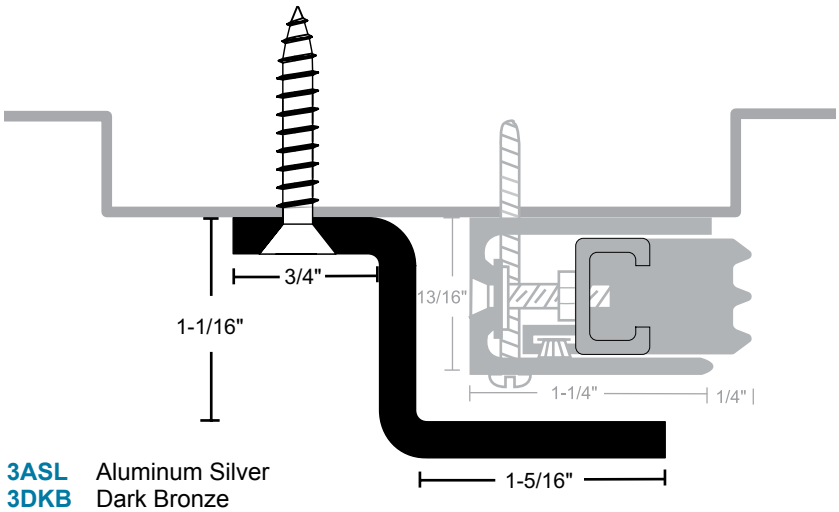
silicone
107SA
107SB
107SDKB

Option: Foam back seal - suffix 'FS'

Steel Mounting Brackets

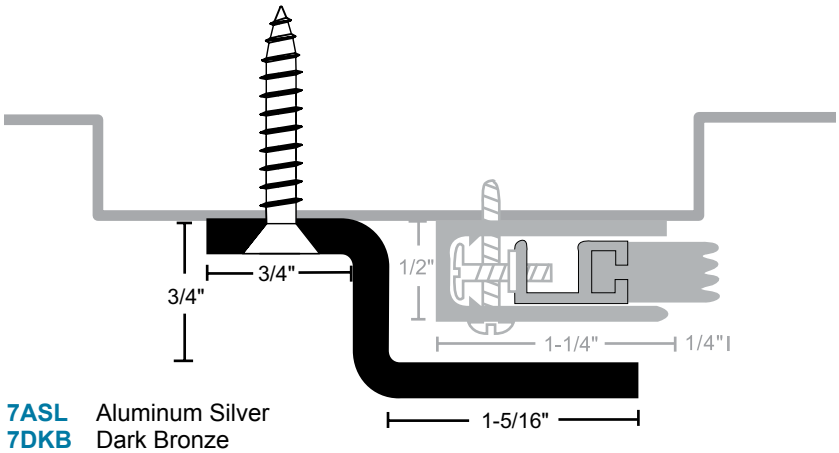
All products this page

- Allows installation of door closer shoe or rim exit device strike without interruption or notching of perimeter seals.
- Furnished with #12 x 1-1/4" SMS.
- 3/16" thick steel.
- 6" long.



3ASL Aluminum Silver
3DKB Dark Bronze
3SP Prime Coat

Fits over 103N, 104N, 105N, 303N, 304N, 305N, 1038N, 3038N



7ASL Aluminum Silver
7DKB Dark Bronze
7SP Prime Coat

Fits over 106N, 107N, 141P, 141S

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Blank

Spring Adjustable Perimeter Seals

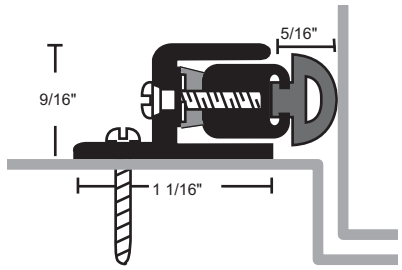
- Adjustment screws on 10" centers allow adjustment without re-positioning mounting location.
- Spring-loaded to maintain pressure for the most effective seal.

#6 x 3/4" or #6 x 1-1/2" Stainless Sheet Metal Screws furnished

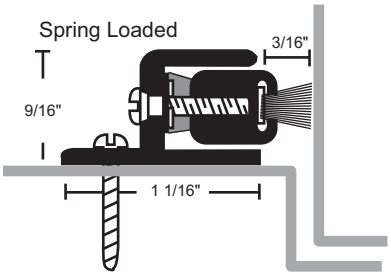
A - anodized aluminum
B - gold
DKB - dark bronze
neoprene & silicone are black
pile is gray

neoprene
141NA
141NB
141NDKB

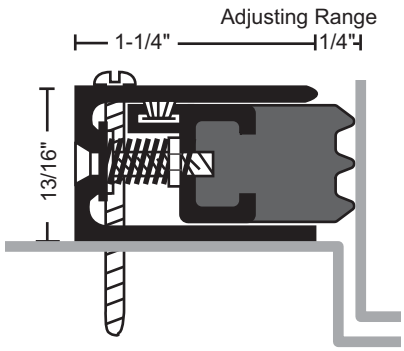
silicone
141SA
141SB
141SDKB



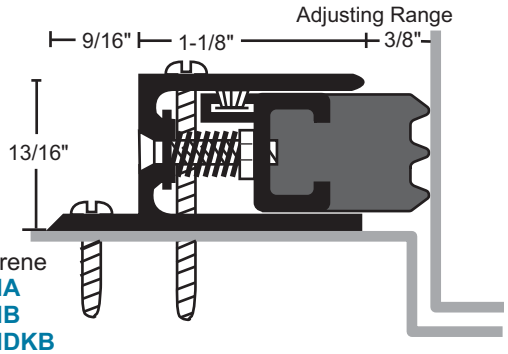
pile
141PA
141PB
141PDKB



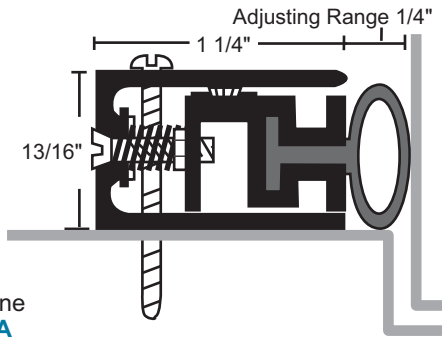
neoprene
303NA
303NB
303NDKB



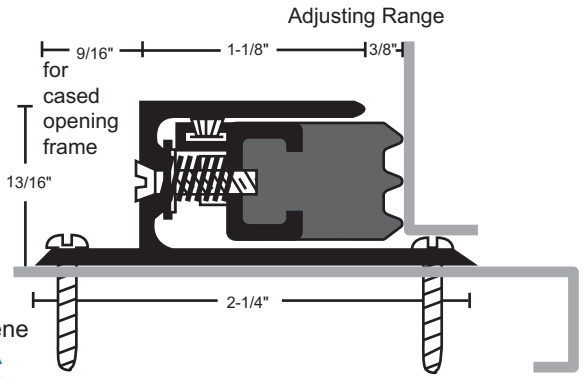
neoprene
304NA
304NB
304NDKB



neoprene
3038NA
3038NB
3038NDKB



neoprene
305NA
305NB
305NDKB



Automatic Door Bottoms - Surface

All products this page

silicone is gray
neoprene is black
brush is gray with mill finish and stainless steel; black with gold, DKB and brass

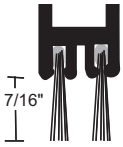
- Mounts on push side of door.
- Use with a threshold for maximum sealing capability.
- Nylon brush recommended for carpet applications where no threshold is provided.
- Specify exact net length required to avoid field sizing.
- 36" and longer may be cut up to 4" in the field, under 36" should not be cut in the field, order net length.
- Minimum length 11", maximum length 60" (except 780).
- End caps furnished standard. Models 220, 221, 229, 310 require door handing, RH supplied standard.



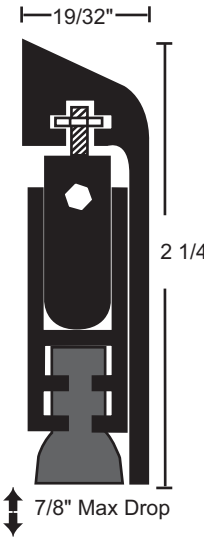
neoprene
(1, 2)
220NA
220NB
220NDKB

silicone
(1, 2)
220SA
220SB
220SDKB

nylon brush (2)
220WHA
220WHB
220WHDKB



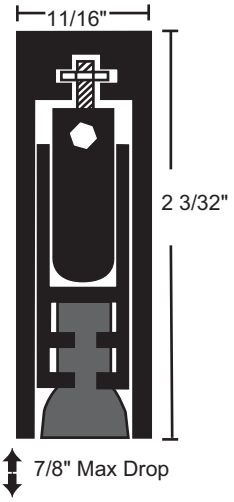
Drop Bar with Nylon Brush - suffix "WH"



neoprene
(1)
222NA
222NB
222NDKB

silicone
(1)
222SA
222SB
222SDKB

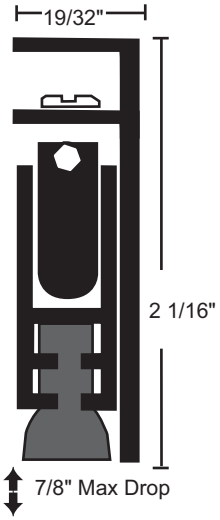
nylon brush
222WHA
222WHB
222WHDKB



neoprene
(1, 2)
310NA
310NB
310NDKB

silicone
(1, 2)
310SA
310SB
310SDKB

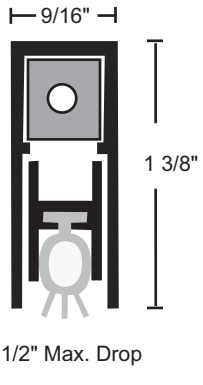
nylon brush (2)
310WHA
310WHB
310WHDKB



Slimline

Endurance Tested to 5 Million Cycles

silicone
780SA
780SDKB



Available 23" to 96" in length
End caps furnished standard.
Will work half mortised on swing or sliding doors!

Brass and Stainless Steel

Brass
neoprene (1, 2)
221NBR

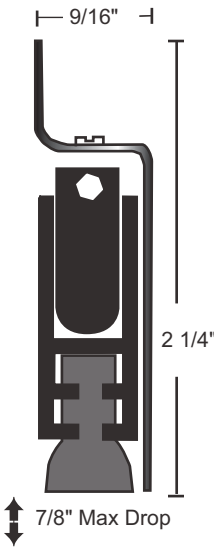
silicone (1, 2)
221SBR

nylon brush (2)
221WHBR

Stainless Steel
neoprene (1, 2)
221NSS

silicone (1, 2)
221SSS

nylon brush (2)
221WHSS



Brass
neoprene (1, 2)
229NBR

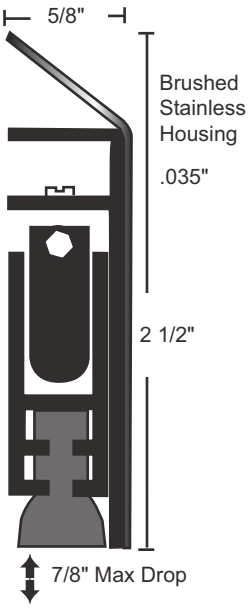
silicone (1, 2)
229SBR

nylon brush (2)
229WHBR

Stainless Steel
neoprene (1, 2)
229NSS

silicone (1, 2)
229SSS

nylon brush (2)
229WHSS

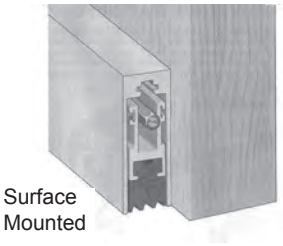


1. Lead insert available for radiation shield - specify "lead-lined"
2. Door Bottom is handed. Right hand supplied unless specified. Field reversible.

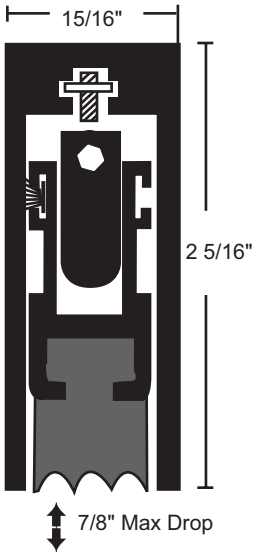
Automatic Door Bottoms - Heavy Duty Surface

All products this page

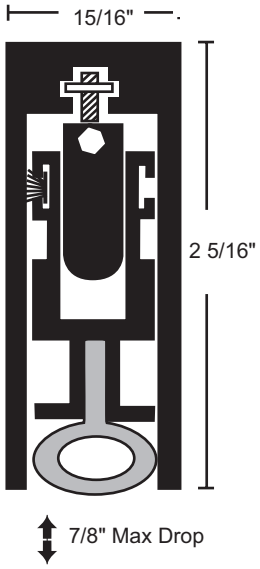
- Mounts on push side of door
- Use with a threshold for maximum sealing capability
- Nylon brush recommended for carpet applications where no threshold is provided
- Specify exact net length required to avoid field sizing
- 36" and longer may be cut up to 4" in the field, under 36" should not be cut in the field, order net length
- Minimum length 11", maximum length 60"
- End caps furnished standard


Surface Mounted

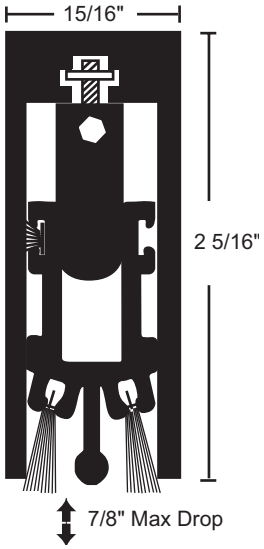

Half mortise Mounted



neoprene
(1, 2)
420NA
420NB
420NDKB



neoprene
(2)
520NA
520NB
520NDKB

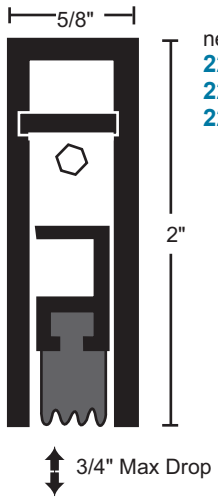


nylon brush
(2)
680A
680B
680DKB

Tested to 1,000,000 cycles

E-Z Touch

SURFACE



neoprene
223NA
223NB
223NDKB

silicone
223SA
223SB
223SDKB

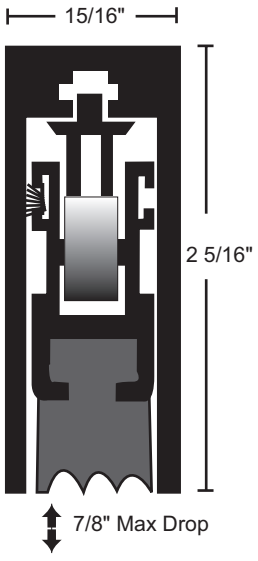
The EZ-Touch door bottom requires only 3 to 5 pounds of pressure to activate.

Perfect for accessibility applications and still provides an effective seal.

Available 23 1/4" net to 48" in length.

End caps furnished standard

Sliding or Pocket Doors Surface or Half Mortise - Heavy Duty



neoprene (1)
421NA
421NB
421NDKB

Designed for use on sliding or pocket doors. A series of actuating bars keep the seal parallel to the sill or threshold until the door is in the closed position.

Available 11" to 144" in length.

End caps not available

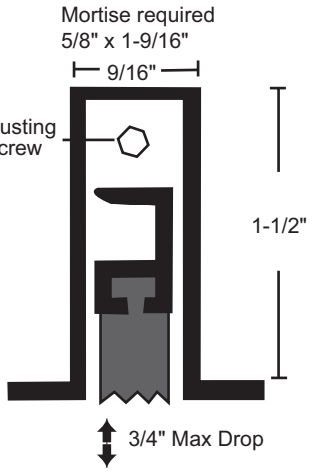
1. Lead insert available for radiation shield - specify "lead-lined".
2. For half mortise applications specify HM in item number prior to finish (ie: 420NHMDKB).

Automatic Door Bottoms - Mortise

All products this page

neoprene & NGP-TPV are black silicone, nylon brush & vinyl are gray

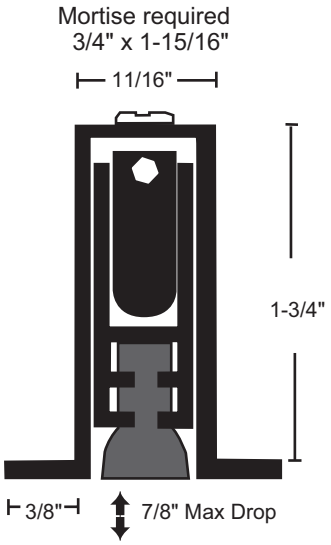
- Use with a threshold for maximum sealing capability
- Nylon brush recommended for carpet applications where no threshold is provided
- Specify exact net length required to avoid field sizing
- 36" and longer may be cut up to 4" in the field, under 36" should not be cut in the field, order net length
- End caps furnished standard



335N neoprene BHMA CERTIFIED

335S silicone BHMA CERTIFIED

Available 23-1/4" net to 48" in length
Fits wood fire door mortise restrictions



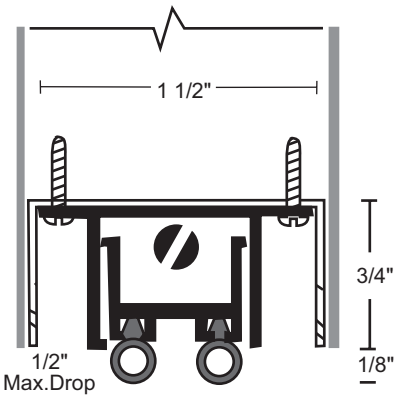
225N neoprene BHMA CERTIFIED

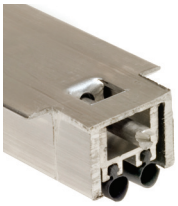
225S silicone BHMA CERTIFIED

225WH nylon brush BHMA CERTIFIED

Available 11" to 60" in length
Available with lead insert for radiation shield - specify "lead-lined"

Hollow Metal Doors





320N NGP-TPV BHMA CERTIFIED

320S silicone BHMA CERTIFIED

320V vinyl

Fits in 1-5/8" x 3/4" channel. A "furring strip" may be used to lower automatic door bottom when a deeper channel is used.

Furnished 1/2" shorter than ordered to fit within net door size. (i.e. 36" is furnished 35-1/2") Length may be field cut up to 4".

Fire ratings apply to metal doors only.

#4 x 5/8" SMS furnished. End caps not available.

Available 24" to 48" in length

Automatic Door Bottoms - Heavy Duty Mortise

- Use with a threshold for maximum sealing capability.
- Nylon brush recommended for carpet applications where no threshold is provided.
- Specify exact net length required to avoid field sizing.
- 36" and longer may be cut up to 4" in the field, under 36" should not be cut in the field, order net length.
- Anodized aluminum end caps furnished standard. DKB end caps available - please specify.

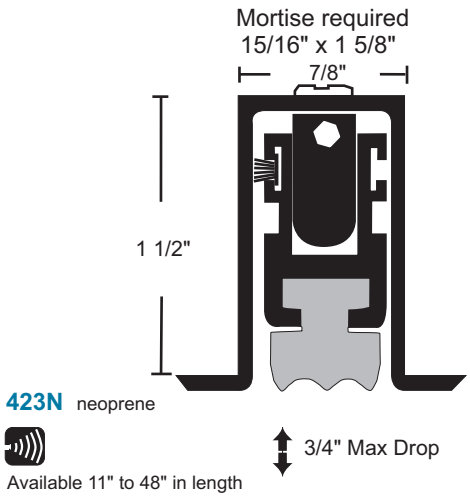
All products this section

neoprene is black
nylon brush is gray
#4 x 5/8" SMS furnished

Fits Wood Fire Door Mortise Restrictions

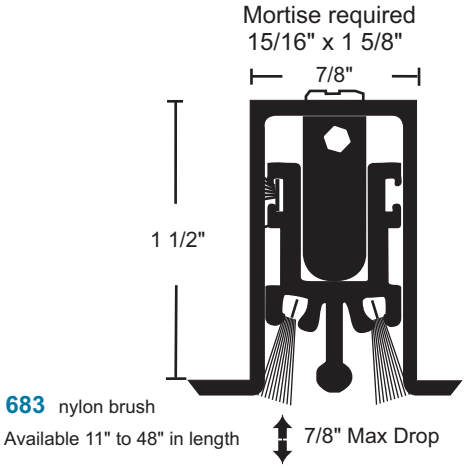


Mortise Mounted



423N neoprene

Available 11" to 48" in length
Available with lead insert for radiation shield - Specify "lead-lined"

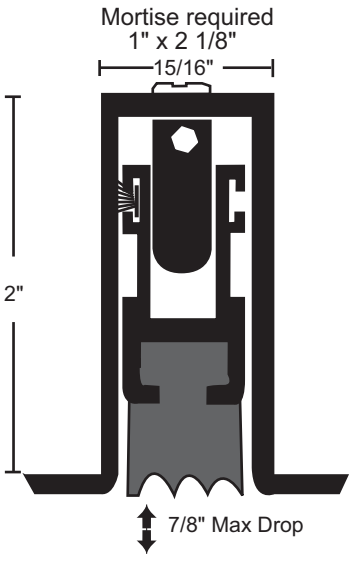


683 nylon brush

Available 11" to 48" in length

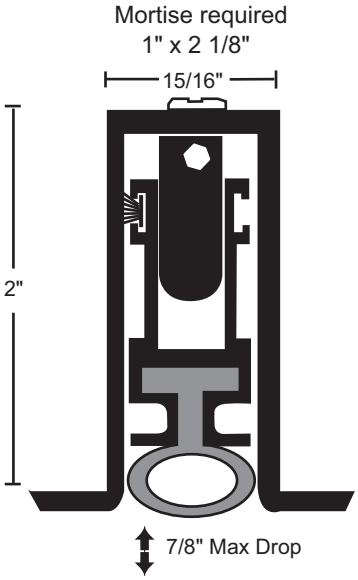
All products this section

*up to 3 hrs. metal doors, 45 minute wood doors (does not fit mortise restrictions of some wood door manufacturers)



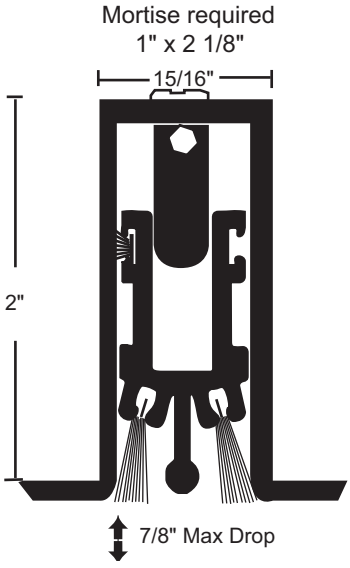
422N neoprene

Available 11" to 60" in length
Available with lead insert for radiation shield - specify "lead lined"



522N neoprene

Available 11" to 60" in length



682 nylon brush

Available 11" to 60" in length

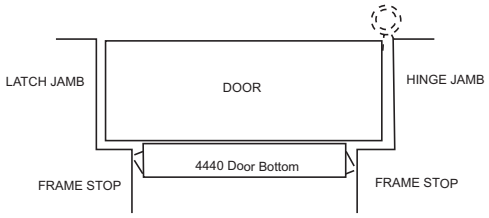
Dual Actuated Automatic Door Bottoms

All products this page

WILL NOT FUNCTION ON PAIRS OF DOORS

- Actuated by frame stop on both ends
- Low compression & operating force
- Concealed fasteners

- **For pairs use matching single actuated door bottoms shown below**



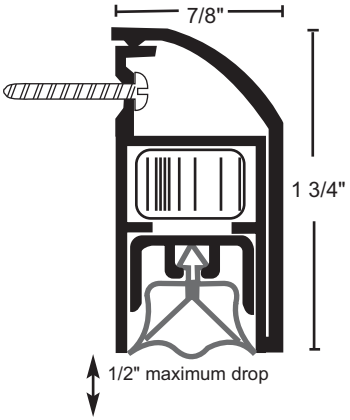
silicone is gray
gray brush with mill finish and anodized aluminum
black brush with gold and DKB

A- anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum

Surface

silicone
4440SA
4440SB
4440SDKB

nylon brush
4440WHA
4440WHB
4440WHDKB



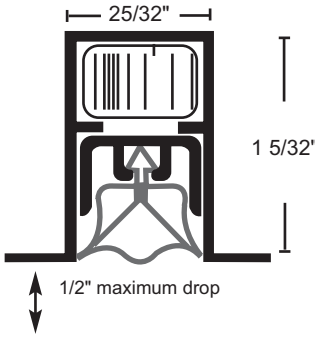
Furnished 1-3/8" shorter than ordered to fit between stops on frame. (i.e. 36" is furnished 34-5/8")
#6 x 3/4" TEK furnished

Mortise

mortise required
7/8" x 1 3/16"

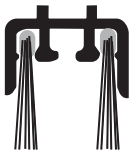
silicone
4447S

nylon brush
4447WH



Furnished 1/4" shorter than ordered to fit net door width.
(i.e. 36" is furnished 35-3/4" net) #4 x 5/8" SMS furnished

Available 24" to 96" in length. May be field cut up to 3".



Drop Bar with Nylon Brush - suffix "WH"

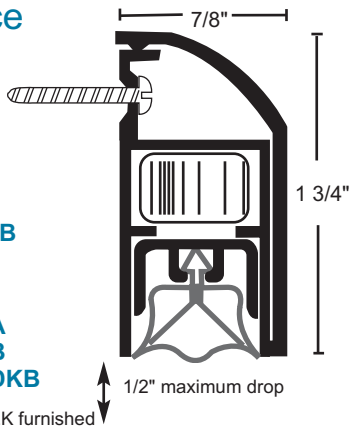
Single Actuated Automatic Door Bottoms

- Matches design of dual actuated door bottoms. For use on pairs of doors or field size for single doors
- Low compression & operating force
- Concealed fasteners

Surface

silicone
4441SA
4441SB
4441SDKB

nylon brush
4441WHA
4441WHB
4441WHDKB

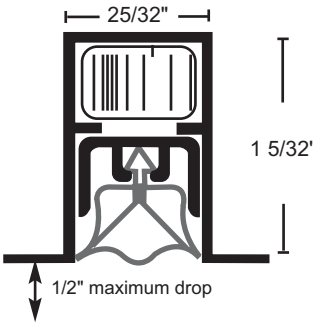


#6 x 3/4" TEK furnished

HANDED - NOT FIELD REVERSIBLE

Mortise

mortise required
7/8" x 1 3/16"



4448S silicone

4448WH nylon brush

Furnished 1/4" shorter than ordered to fit net door size.
(i.e. 36" is furnished 35 3/4" net) #4 x 5/8" SMS furnished

Available 24" to 96" in length. May be field cut up to 3".

Thermal Break Door Shoes

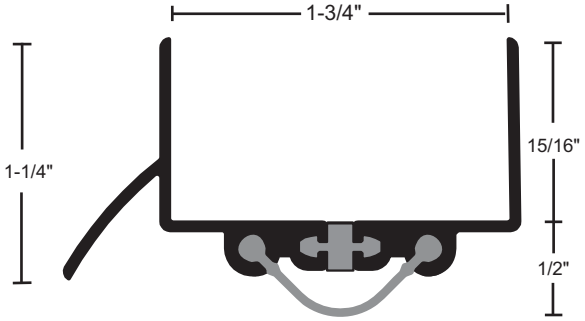
Thermal break door shoes feature a rigid PVC spline creating a separation to prevent the transfer of outside temperature and frost through the door shoe.

#6 x 3/4" stainless steel sheet metal screws furnished.
Screw holes slotted for adjustment.

All door shoes this page

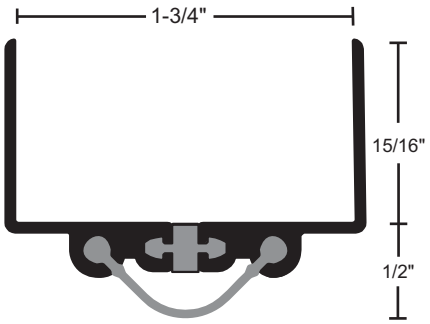
MATERIALS & FINISHES
A - anodized aluminum
DKB - dark bronze

819 Series



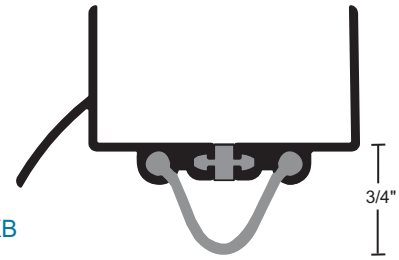
819VA
819VDKB

816 Series

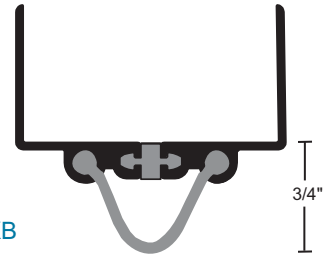


816VA
816VDKB

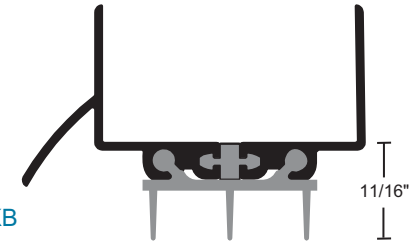
Gasketing options:



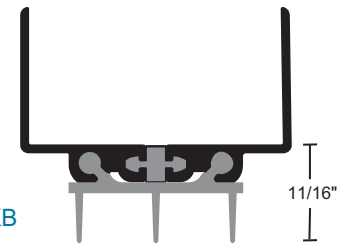
819NA
819NDKB



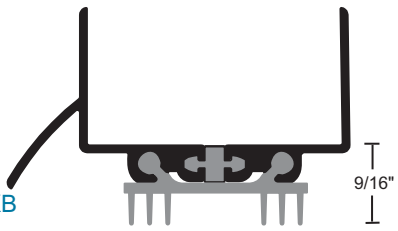
816NA
816NDKB



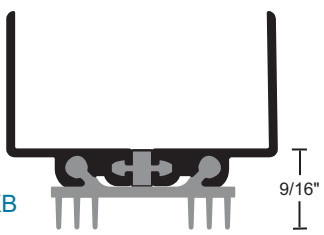
819TA
819TDKB



816TA
816TDKB



819T6A
819T6DKB



816T6A
816T6DKB

Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

Page
Intentionally
Blank

Extended Door Shoes

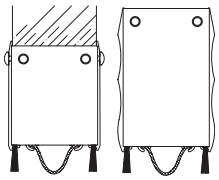
All products this page

A- anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum

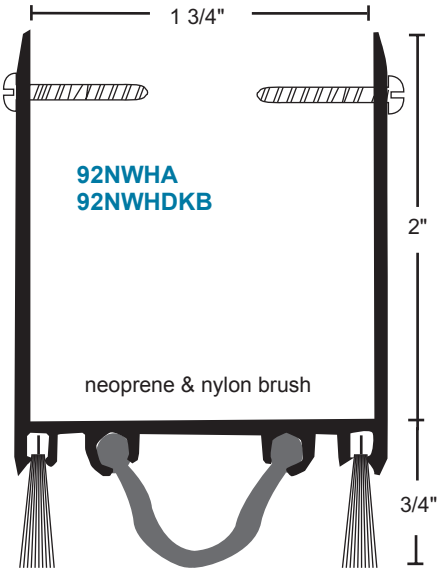
vinyl is gray
neoprene is black
thermoplastic is dark brown
nylon brush is gray with anodized aluminum; black with DKB metal

#6 x 3/4" Stainless Steel SMS furnished.

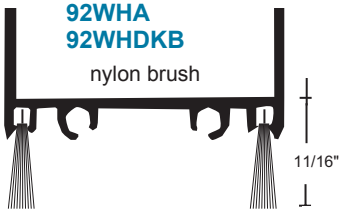
End caps available - sold separately

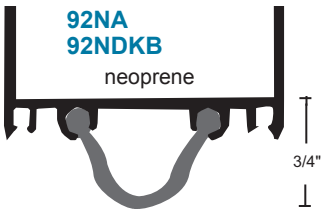


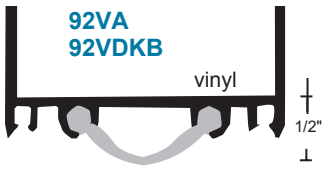
92 Series

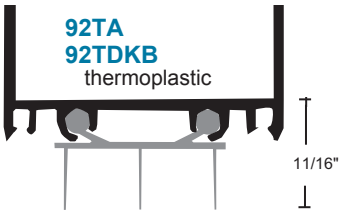


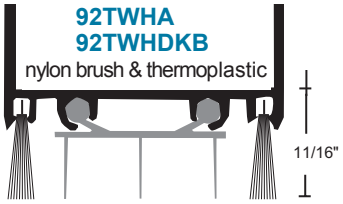
Gasketing options:



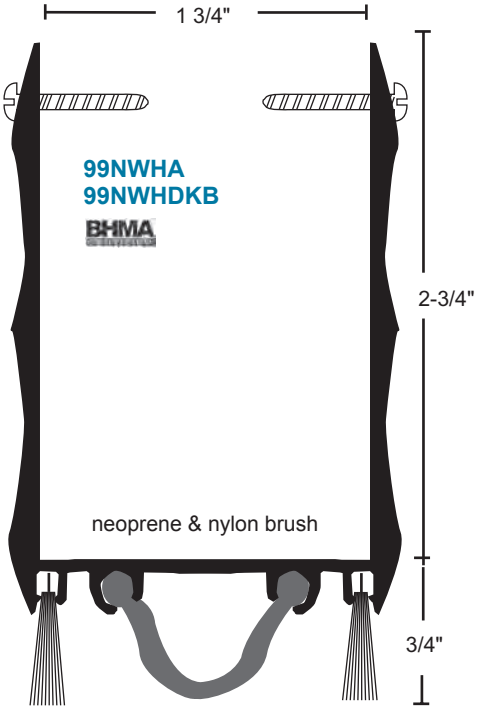








99 Series

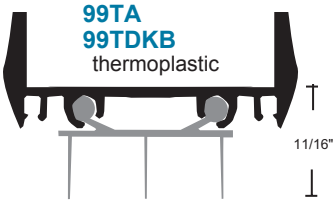


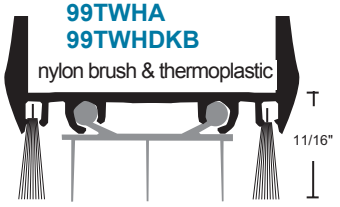
Gasketing options:









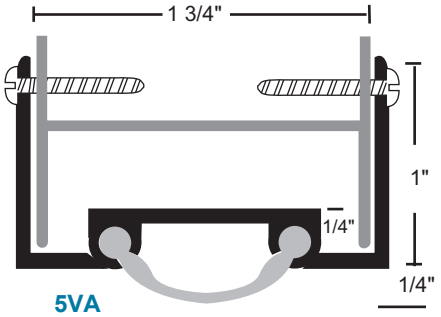


Smooth Vinyl Door Shoes

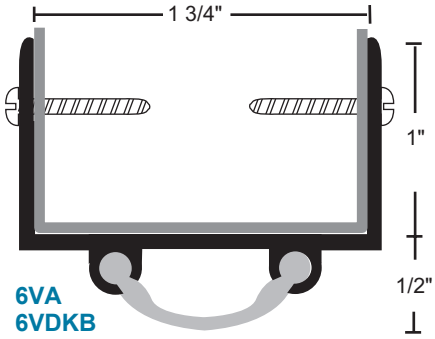
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes slotted for adjustment.

All vinyl door shoes this section

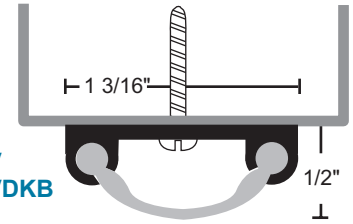
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
vinyl is gray



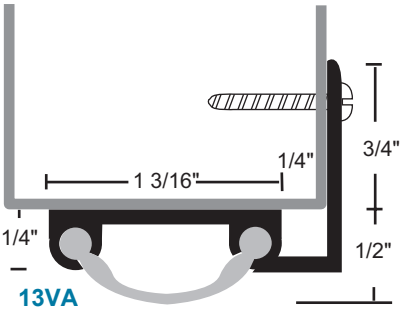
5VA
5VB
5VDKB



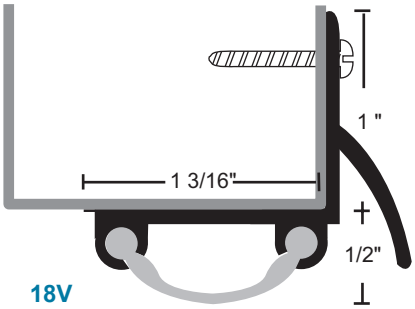
6VA
6VDKB



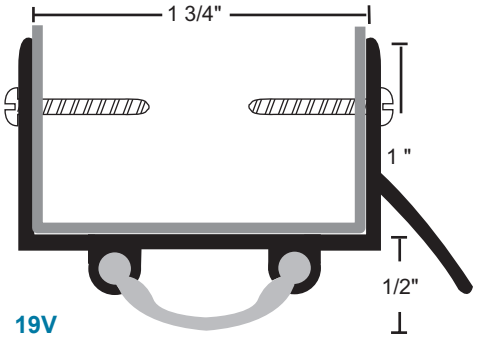
12V
12VDKB



13VA
13VDKB



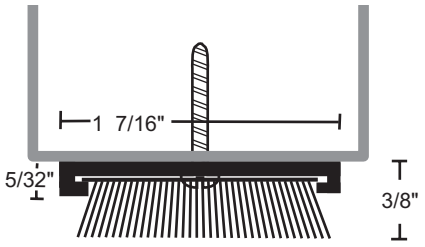
18V
18VDKB



19V
19VB
19VDKB

Polypropylene Pile Door Shoes

#6 x 3/4" Stainless Steel
SMS furnished.
Pile is gray



254P
254PDKB

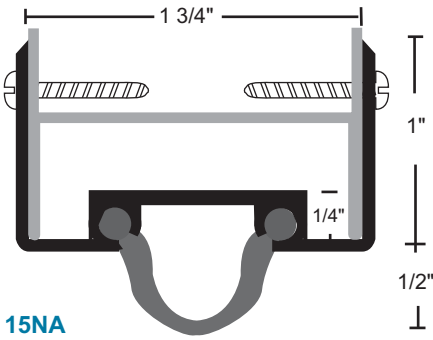
BHMA

Neoprene Door Shoes

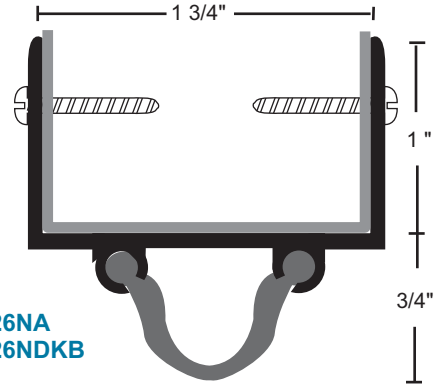
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes slotted for adjustment.

All neoprene door shoes this section

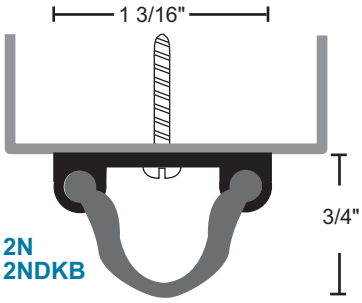
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
neoprene is black



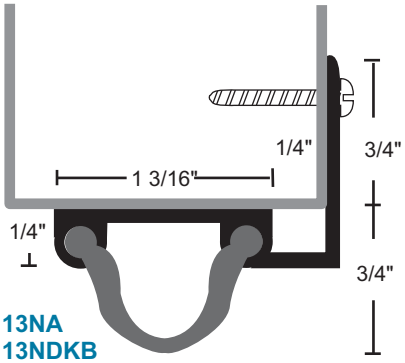
15NA
15NB
15NDKB



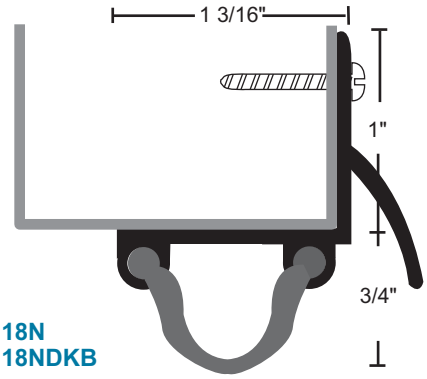
26NA
26NDKB



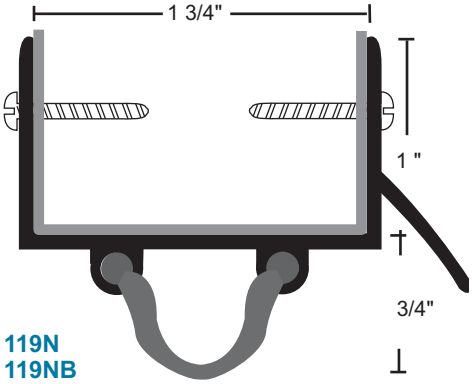
112N
112NDKB



113NA
113NDKB



118N
118NDKB

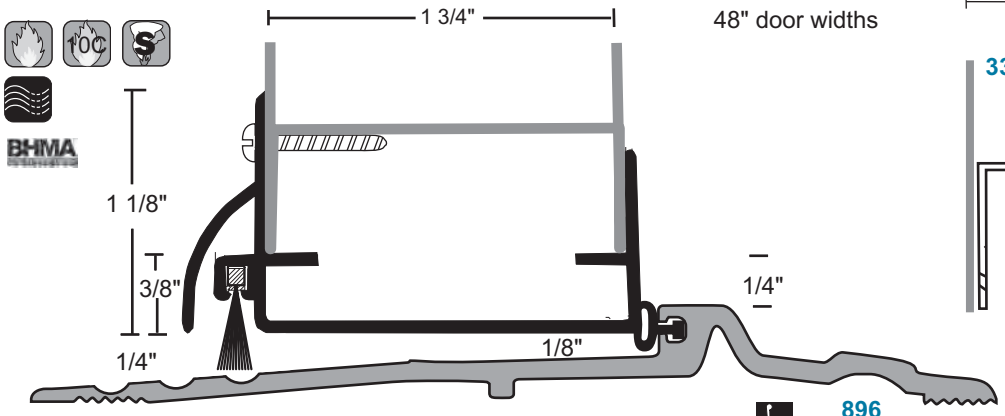


119N
119NB
119NDKB

Nylon Brush Door Shoe

#6 x 3/4" Stainless Steel SMS furnished
Screw holes slotted for adjustment.

95WH gray brush
95WHDKB - black brush
Door Shoe

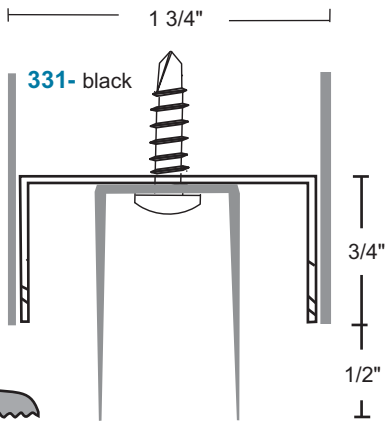


Designed for use on standard 3/4" undercut door used with NGP 896 V, N, or S ADA compliant threshold as shown

896
896DKB
Threshold

Double Fin Door Shoe

- Rigid polypropylene top with flexible TPV fins
- Designed for hollow metal doors with inverted bottom channel
- Furnished undrilled
- #8 x 3/4" TEK screws furnished
- Available for 36" and 48" door widths

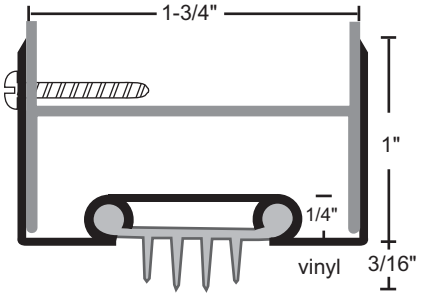


Finned Vinyl Door Shoes

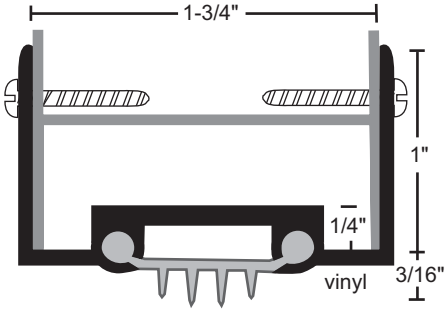
#6 x 3/4" Stainless Steel SMS furnished.
Screw holes slotted for adjustment.

All products this page

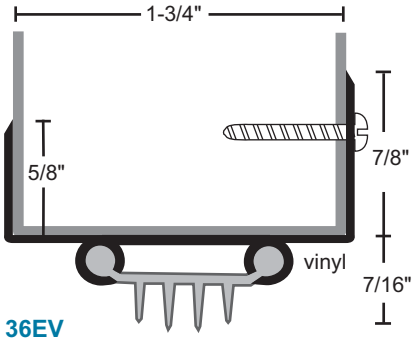
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
vinyl is gray



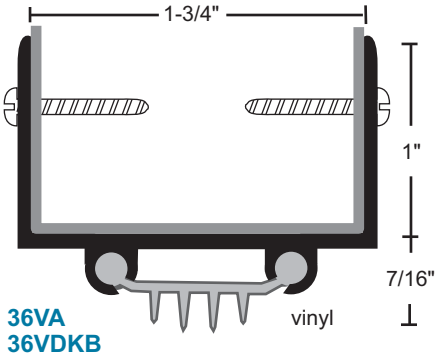
35EV
35EVDKB



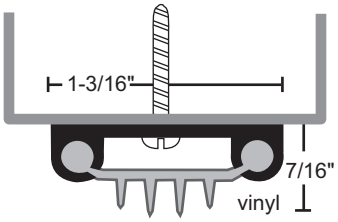
35VA
35VB
35VDKB



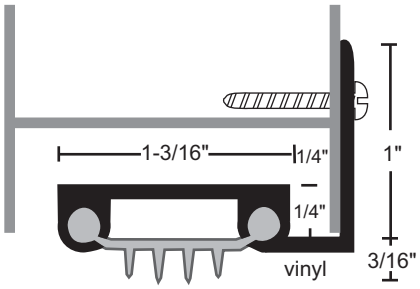
36EV
36EVDKB



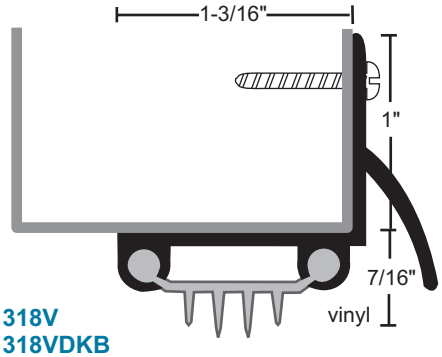
36VA
36VDKB



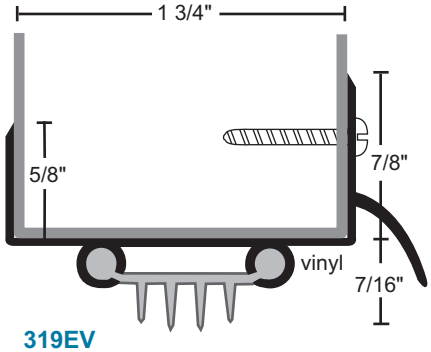
312V
312VDKB



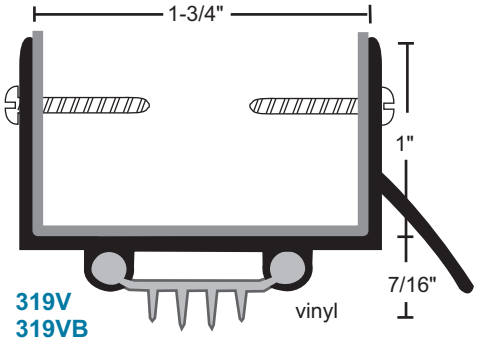
313VA
313VDKB



318V
318VDKB



319EV
319EVDKB



319V
319VB
319VDKB

Thermoplastic Door Shoes

Thermoplastic polymer seal with rigid base and soft vinyl fins.

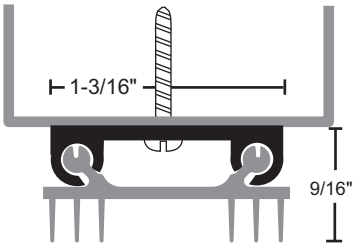
All products this page



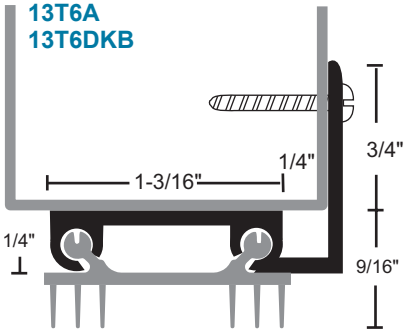
Material Finishes:
A - anodized aluminum
DKB - dark bronze
no suffix = mill aluminum
thermoplastic is dark brown

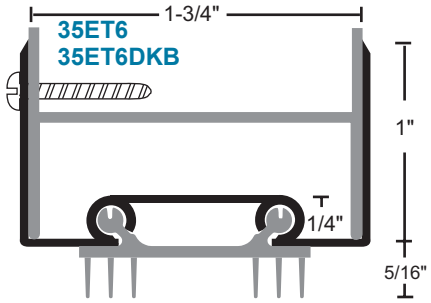
#6 x 3/4" stainless steel
SMS furnished

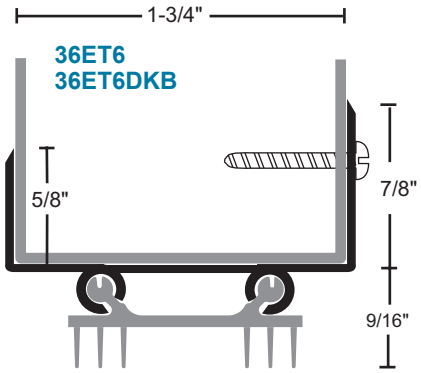
12T6
12T6DKB

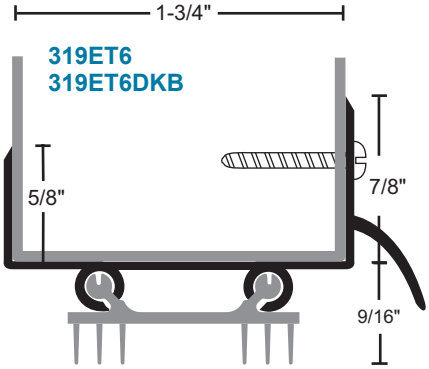


13T6A
13T6DKB

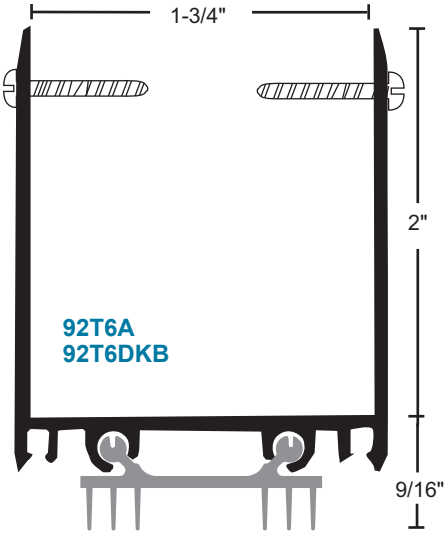


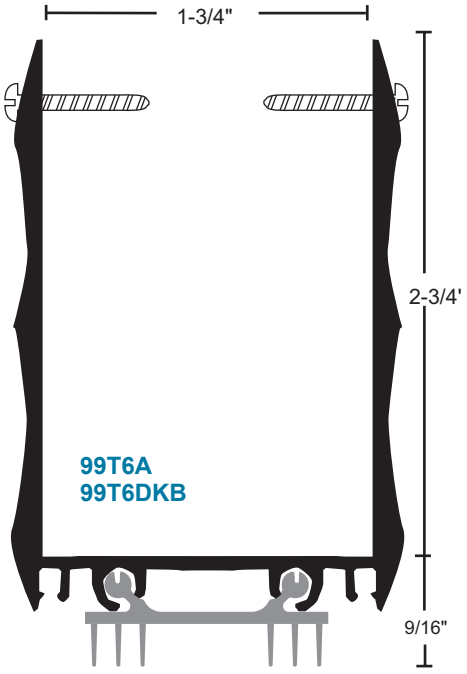




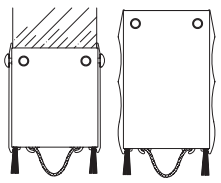


Extended Door Shoes





End caps available - sold separately



Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

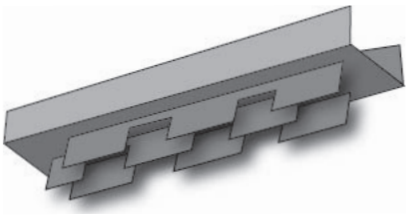
Page
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Blank

Thermoplastic Door Shoes

Thermoplastic polymer seal with rigid base and soft vinyl fins. Available with Notched Fins to allow air flow while restricting light, suffix NF.

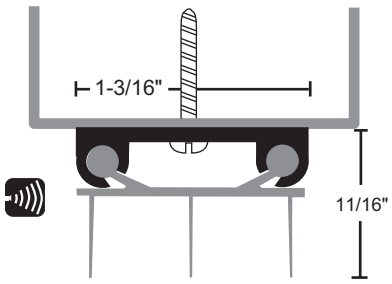
All products this page

#6 x 3/4" stainless steel SMS furnished

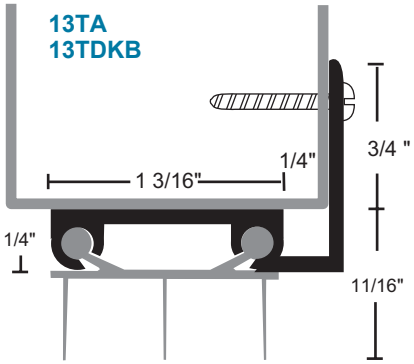


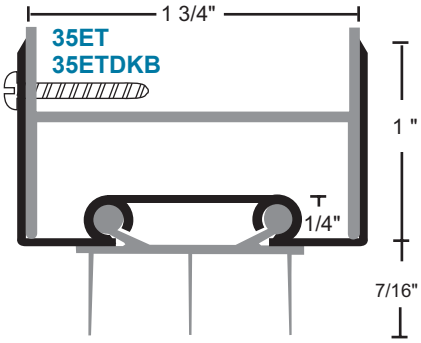
Option: Notched Fins - suffix 'NF'

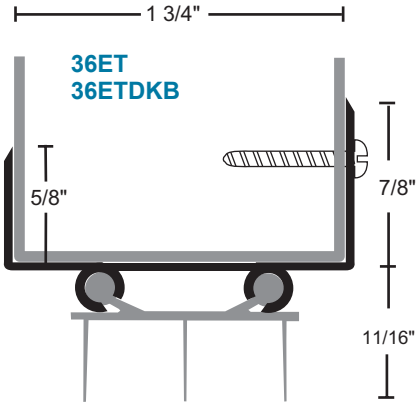
12T
12TDKB

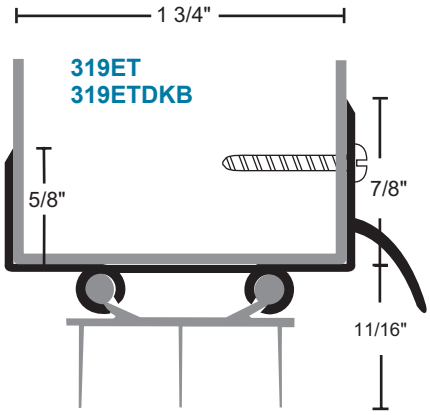


13TA
13TDKB



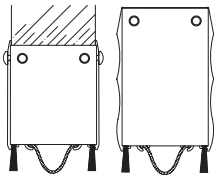


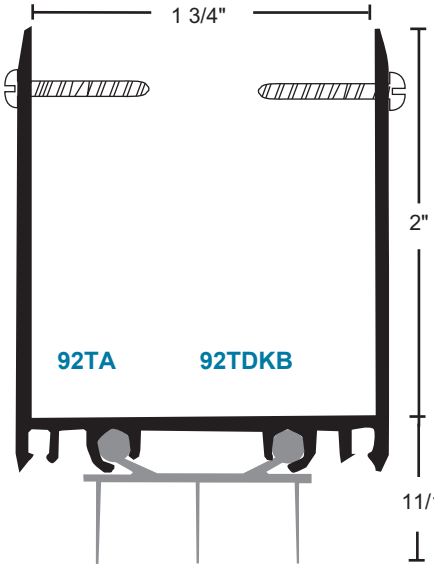


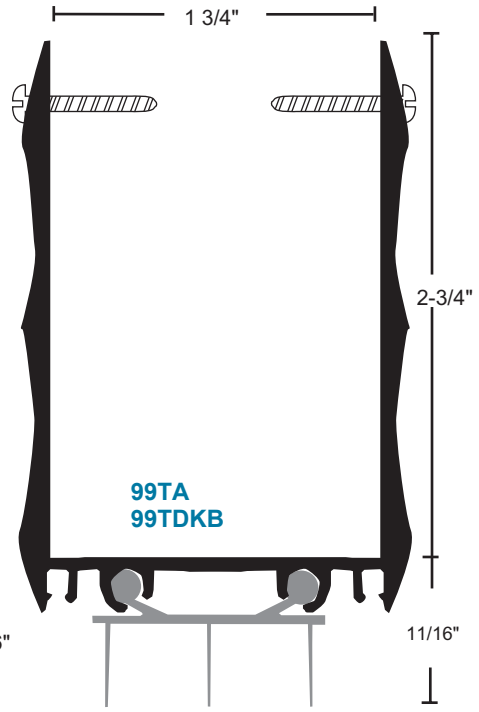


Extended Door Shoes

End caps available - sold separately



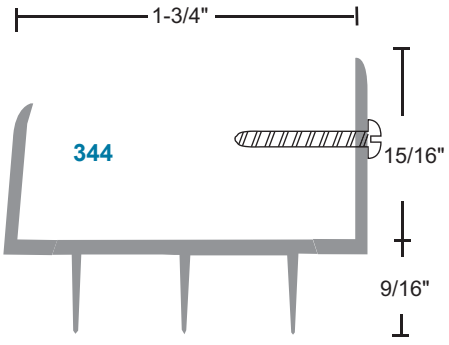




Material Finishes:
A - anodized aluminum
DKB - dark bronze
no suffix = mill aluminum
thermoplastic is dark brown

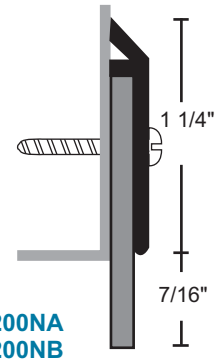
Rigid Thermoplastic Door Shoe with Soft Vinyl Fins

- Available 36" and 48"
- color is dark brown

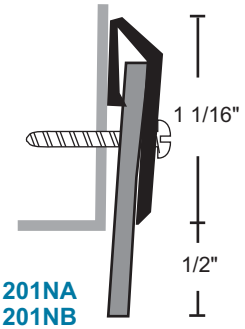


Neoprene Sweeps

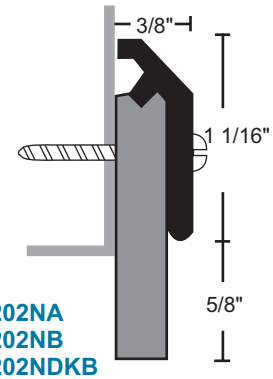
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes slotted for adjustment.
Neoprene is black



200NA
200NB
200NDKB



201NA
201NB
201NDKB



202NA
202NB
202NDKB

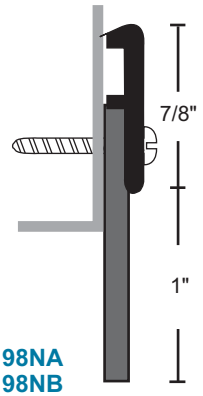
#6 x 1" stainless steel SMS

All products this page

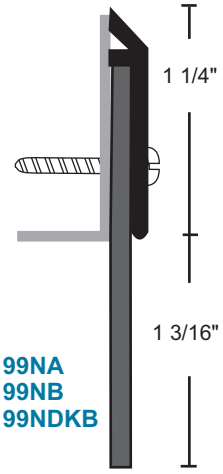


Material Finishes:
A - anodized aluminum
DKB - dark bronze
no suffix = mill aluminum
neoprene is black

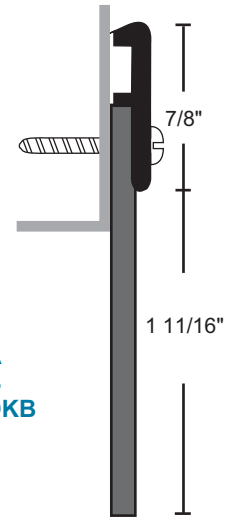




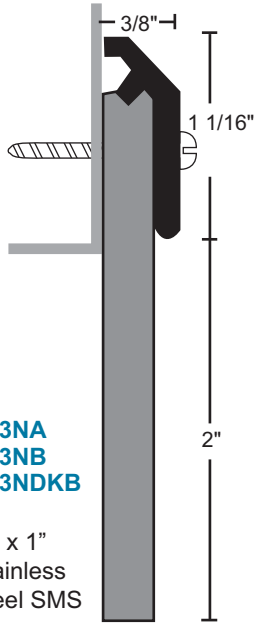
198NA
198NB
198NDKB



199NA
199NB
199NDKB



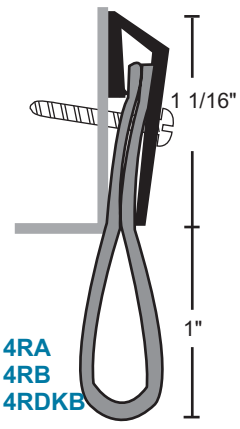
197NA
197NB
197NDKB



203NA
203NB
203NDKB

#6 x 1" stainless steel SMS

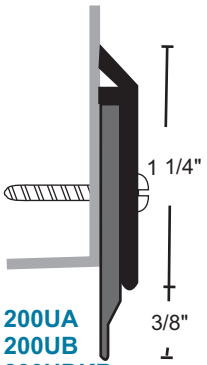
Reinforced Neoprene Sweep



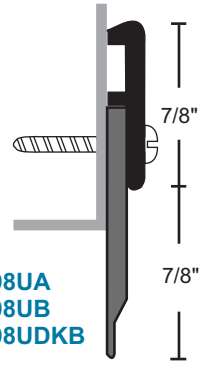
2014RA
2014RB
2014RDKB

Polyurethane Sweeps

polyurethane is black



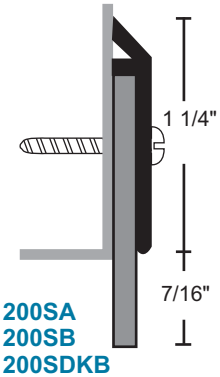
200UA
200UB
200UDKB



198UA
198UB
198UDKB

Silicone Sweep

silicone is gray



200SA
200SB
200SDKB

Vinyl Sweeps

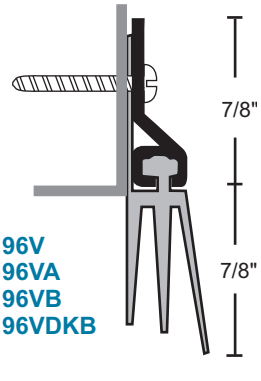
#6 x 3/4" Stainless Steel SMS furnished.
Screw holes slotted for adjustment.

All products this page

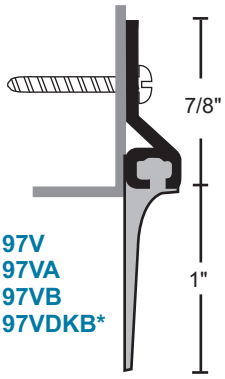
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum

vinyl is gray

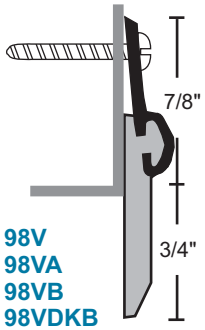
Exceptions:
•vinyl is black
•• vinyl is brown



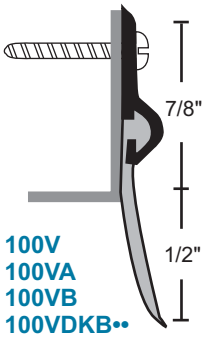
96V
96VA
96VB
96VDKB



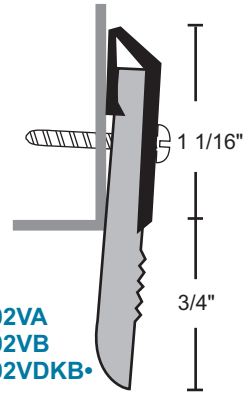
97V
97VA
97VB
97VDKB*



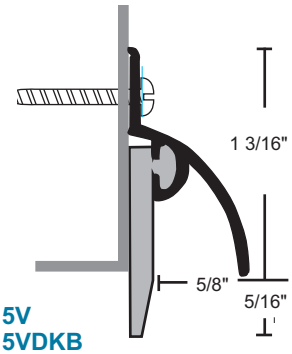
98V
98VA
98VB
98VDKB



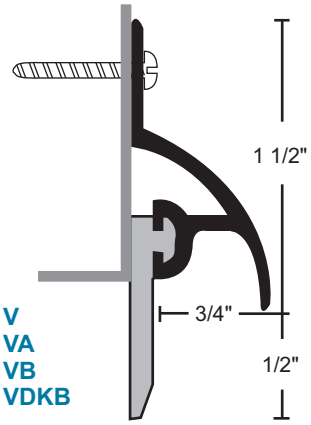
100V
100VA
100VB
100VDKB••



102VA
102VB
102VDKB•



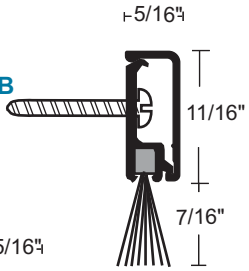
1015V
1015VDKB



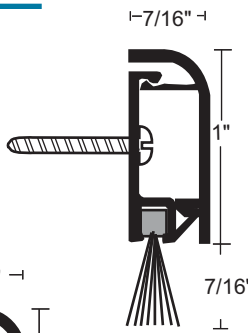
101V
101VA
101VB
101VDKB

Concealed Fastener Nylon Brush Sweeps

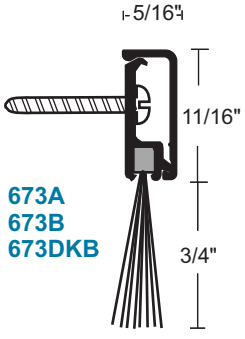
Gray brush with anodized aluminum; Black brush with gold and DKB



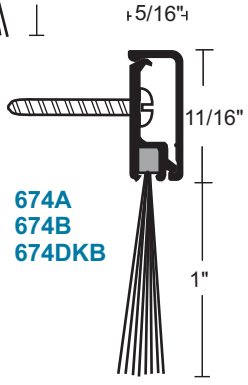
672A
672B
672DKB
BHMA



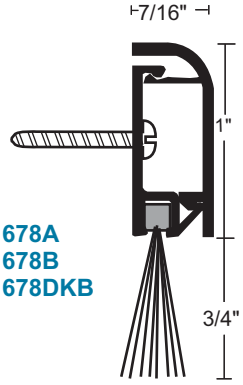
675A
675B
675DKB
BHMA



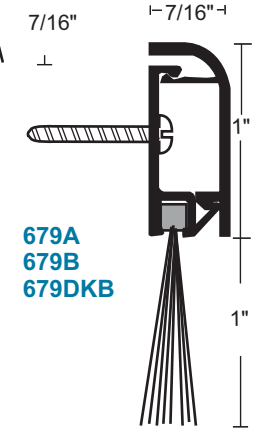
673A
673B
673DKB



674A
674B
674DKB



678A
678B
678DKB



679A
679B
679DKB

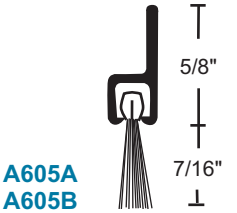
Nylon Brush Sweeps

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes are slotted for adjustment.

A - anodized aluminum with gray brush
B - gold with black brush
DKB - dark bronze with black brush
no suffix - mill aluminum with gray brush

All products this page





A605A
A605B
A605DKB



B606A
B606B
B606DKB



600
600A
600B
600DKB

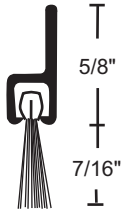




601
601A
601B
601DKB

Nylon Brush Plus

Our exclusive line of premium grade seals specially formulated to withstand greater temperature extremes while providing maximum protection against air infiltration.



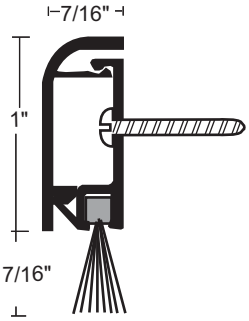
9605A
9605B
9605DKB





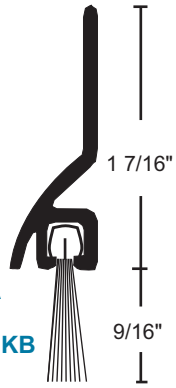
9600
9600A
9600B
9600DKB





9675
9675A
9675B
9675DKB





C627A
C627B
C627DKB

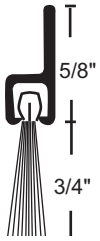




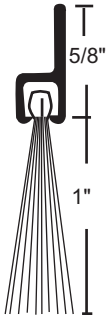


C607A
C607B
C607DKB

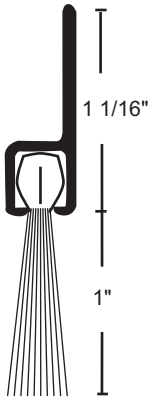




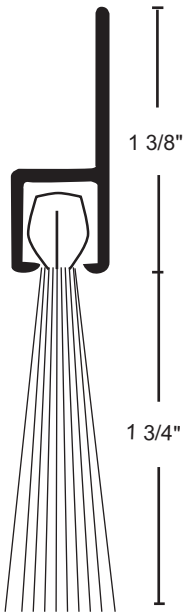
OV634A
OV634B
OV634DKB



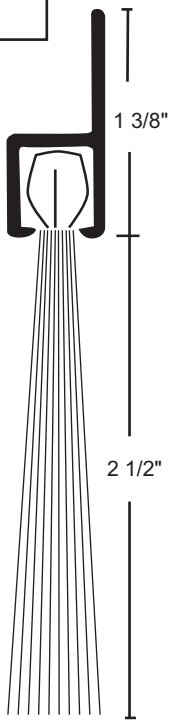
OV633A
OV633B
OV633DKB



D608A
D608B
D608DKB

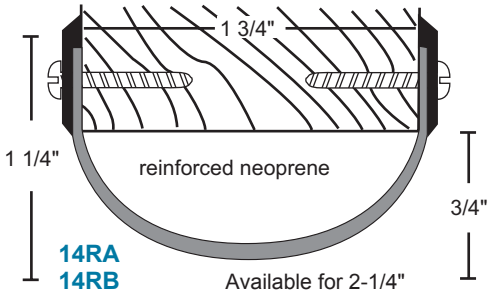


G610A
G610B
G610DKB



H612A
H612B
H612DKB

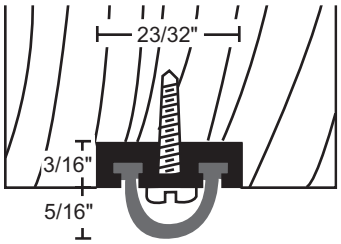
Door Bottom Seals



14RA
14RB
14RDKB

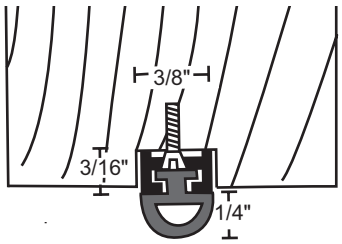
Available for 2-1/4" doors - specify

Material Finishes:
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix = mill aluminum
neoprene, silicone & NGP-TPV are black



neoprene
116N
116NDKB

Mortise 3/4" wide x desired depth.
#6 x 3/4 SMS



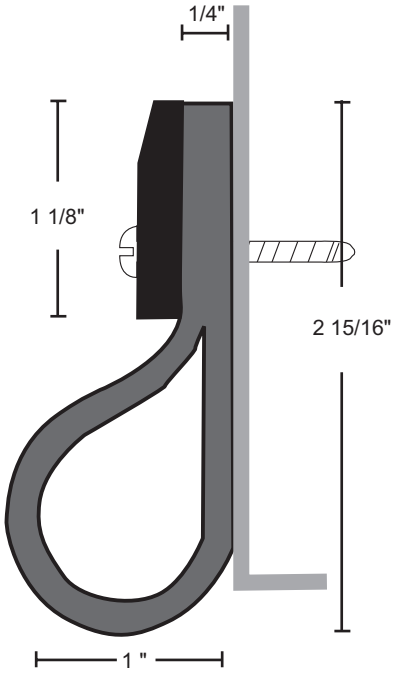
136N NGP-TPV
136NDKB

136S silicone
136SDKB

Mortise 7/16" wide x desired depth.
#2 SMS furnished.

Overhead Door Bottom Seal

Properties:
- Synthetic rubber polymer blend: Chloroprene and EPDM
- Very good abrasion resistance, tensile strength and memory
- Flame resistant
- Moisture resistant
- Temperature range -20°F to 200°F
- Good resistance to ozone sunlight and aging



neoprene
81369N
81369NDKB

#8 x 1 1/4" Stainless Steel SMS

Smoke-Rated Astragal Seals

Fire-rated Astragal Seals cannot replace any astragal required on the door by the door manufacturer to maintain its fire label. IBC, NFPA 80, NFPA105, and NFPA 252 require the gap at the meeting edge between fire labeled doors must not exceed 1/8".

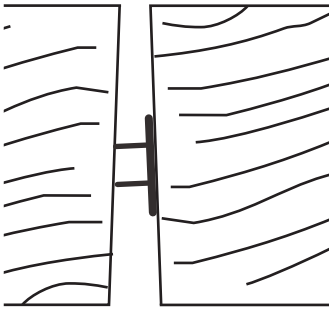
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished. Screw holes are slotted for adjustment.

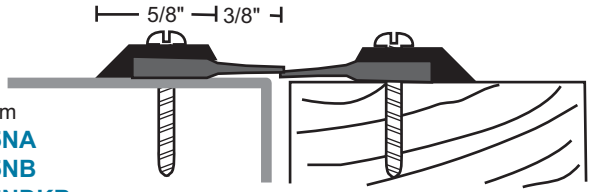
Metal	epdm	silicone	nylon+
A - anodized aluminum	gray	tan	gray
B - gold	black	tan	black
DKB - dark bronze	black	tan	black
no suffix - mill aluminum	gray	tan	gray

All products this page

5070B Brown
5070CL Clear
self-adhesive TPE

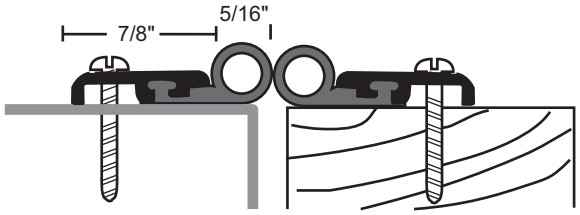
* antimicrobial not available in clear





epdm
115NA
115NB
115NDKB

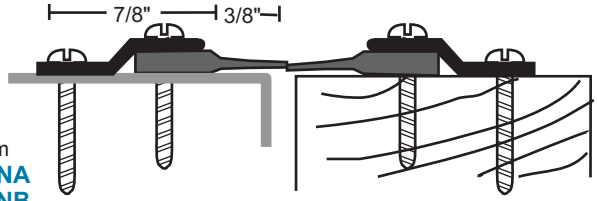
Order as **set** to receive two pieces



neoprene (black)
137NA
137NB
137NDKB

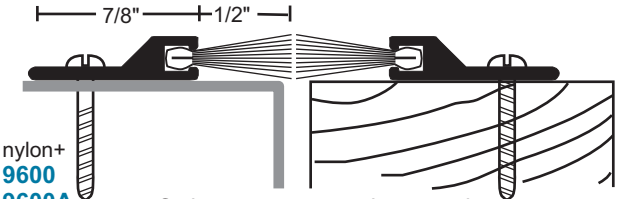
Order as **set** to receive two pieces

silicone (gray)
137SA
137SB
137SDKB



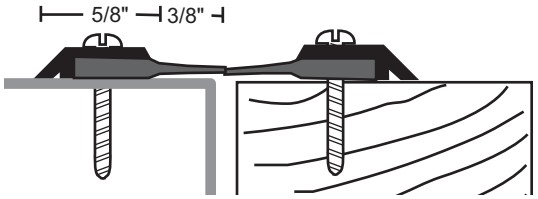
epdm
125NA
125NB
125NDKB

Order as **set** to receive two pieces



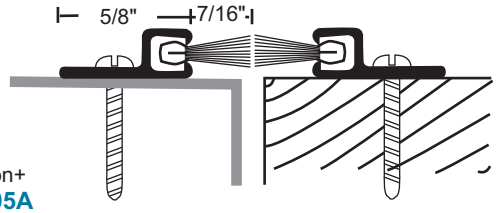
nylon+
9600
9600A
9600B
9600DKB

Order as **set** to receive two pieces



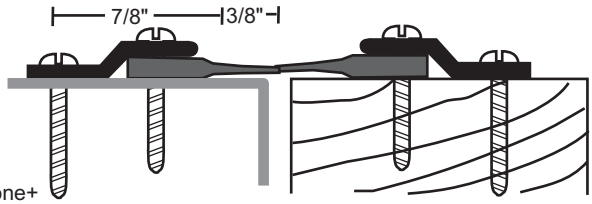
silicone+
9115A
9115B
9115DKB

Order as **set** to receive two pieces



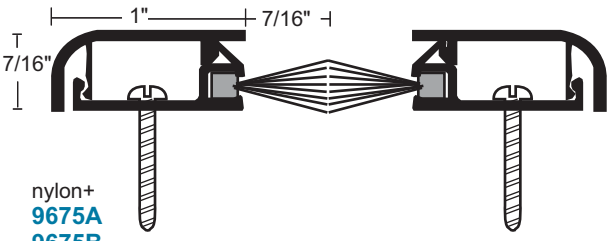
nylon+
9605A
9605B
9605DKB

Order as **set** to receive two pieces



silicone+
9125A
9125B
9125DKB

Order as **set** to receive two pieces



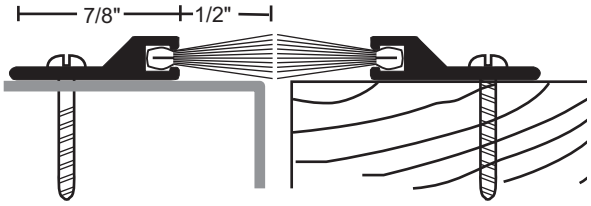
nylon+
9675A
9675B
9675DKB

Order as **set** to receive two pieces

Surface Mounted Astragal Sets

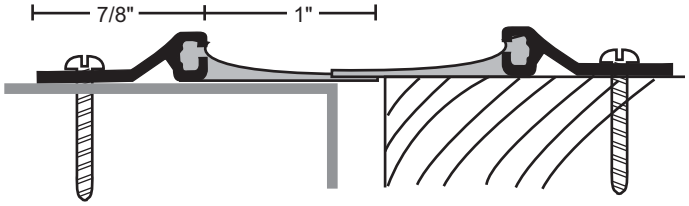
#6 x 3/4" Stainless Steel SMS furnished.
Screw holes are slotted for adjustment.

A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
Brush is gray with mill finish and anodized aluminum metal; black with gold and DKB vinyl is gray, except * vinyl is black



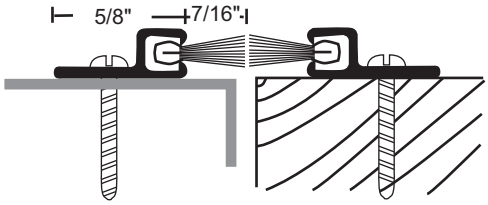
nylon brush
600
600A
600B
600DKB

Order as **set** to receive two pieces



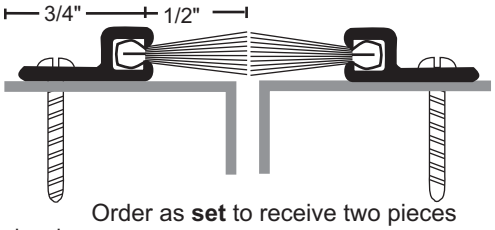
vinyl
97V
97VA
97VB
97VDKB

Order as **set** to receive two pieces



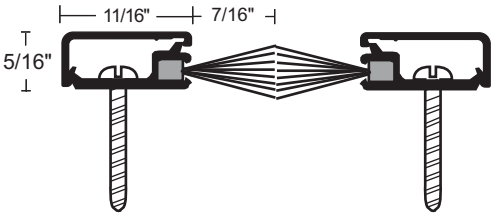
nylon brush
A605A
A605B
A605DKB

Order as **set** to receive two pieces



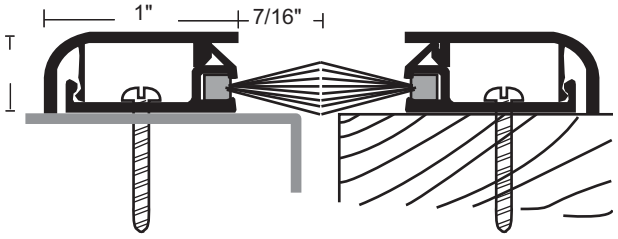
Order as **set** to receive two pieces

nylon brush
B606A
B606B
B606DKB



nylon brush
672A
672B
672DKB

Order as **set** to receive two pieces



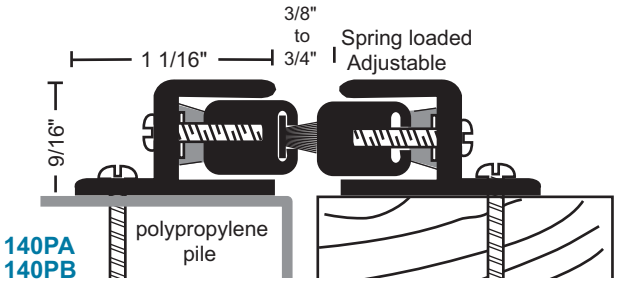
nylon brush
675A
675B
675DKB

Order as **set** to receive two pieces

Spring Adjustable Astragal Sets

* Adjustment screws on 10” centers allow adjustment of the seal without re-positioning mounting location.
* Spring-loaded to maintain constant pressure for the most effective seal

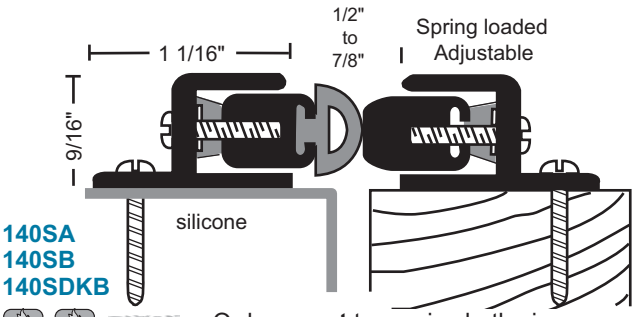




140PA
140PB
140PDKB

Order as **set** to receive both pieces

* up to 3 hrs. metal doors, 20 min.. wood doors

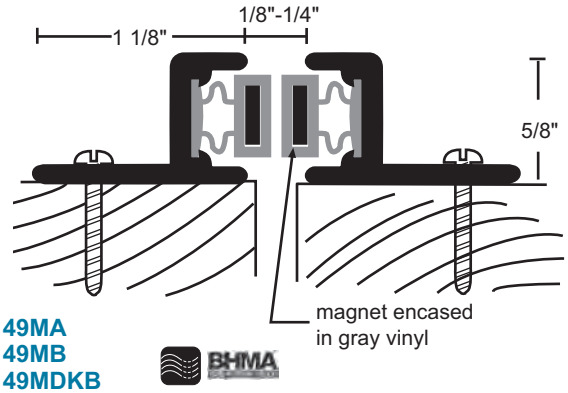


140SA
140SB
140SDKB

Order as **set** to receive both pieces

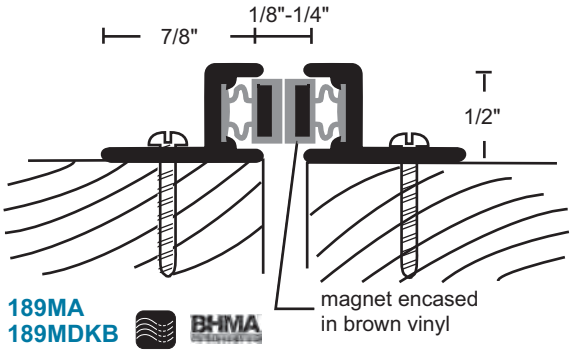
Magnetic Astragal Sets

#6 x 3/4" Stainless Steel SMS furnished.
Screw holes are slotted for adjustment
Not recommended for use on metal doors



149MA
149MB
149MDKB

Provided as two piece set

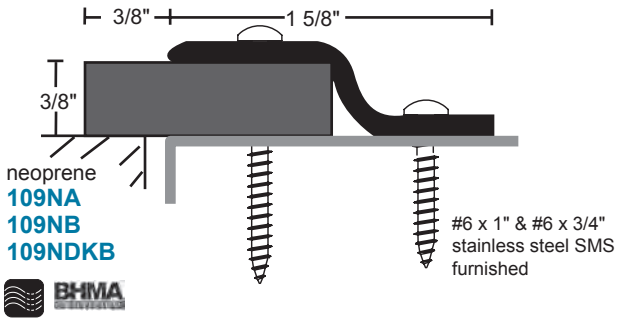


189MA
189MDKB

Provided as two piece set

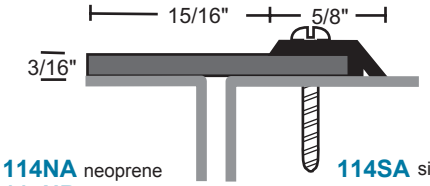
Overlapping Astragals

A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
vinyl & pile are gray
neoprene , NGP-TPV & silicone are black; except 114 silicone is gray



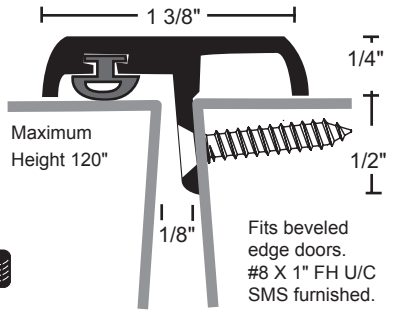
neoprene
109NA
109NB
109NDKB

#6 x 1" & #6 x 3/4" stainless steel SMS furnished



114NA neoprene
114NB
114NDKB

114SA silicone
114SB
114SDKB



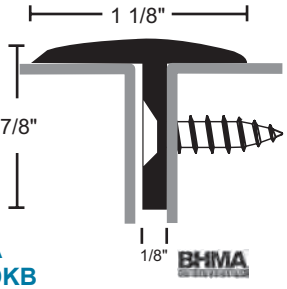
158VA vinyl
158VDKB

Fits beveled edge doors.
#8 X 1" FH U/C SMS furnished.

158NA NGP-TPV
158NDKB

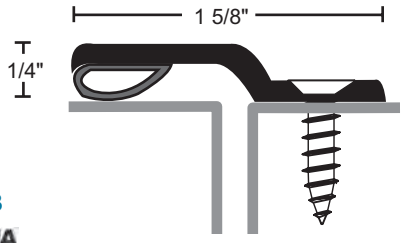
158SA silicone
158SDKB

158PA polypropylene pile
158PDKB



176A
176DKB

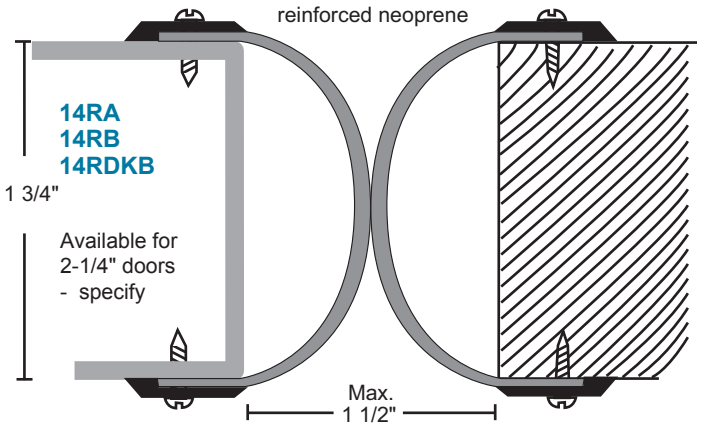
Maximum height 120"
Fits square edge doors.
#10 X 3/4" SMS furnished.



silicone
178SA
178SDKB

Maximum height 120"
#10 X 3/4" SMS furnished.

Specialty Astragal



14RA
14RB
14RDKB

Available for 2-1/4" doors - specify

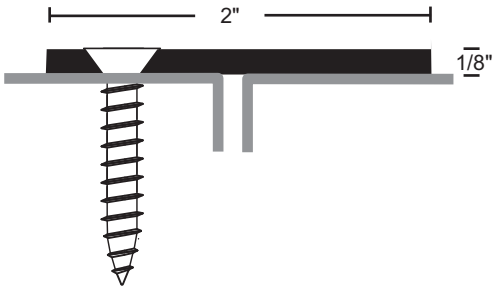
Solid Metal Astragals

- Available lead-lined .030" thick lead, suffix "LD"
- Available with SNB, specify



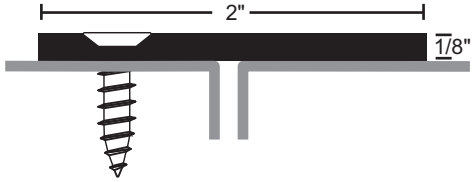
139SP **Steel Prime Coat**
139SPDKB **Steel Dark Bronze**

Furnished with #12 x 1-1/4" SMS. Can replace astragal required by the door manufacturer on wood or metal fire-rated doors. IBC, NFPA80, NFPA 252 require the gap at the meeting edge between fire labeled doors must not exceed 1/8". Astragal must overlap gap and inactive door minimum of 3/4".



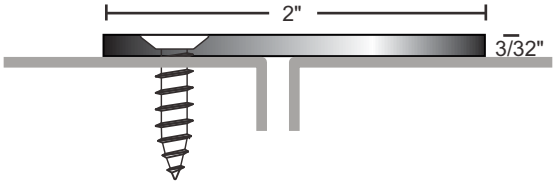
139A **Anodized Aluminum**
139DKB **Aluminum Dark Bronze**
139BR **Brass**

#10 x 3/4" SMS furnished

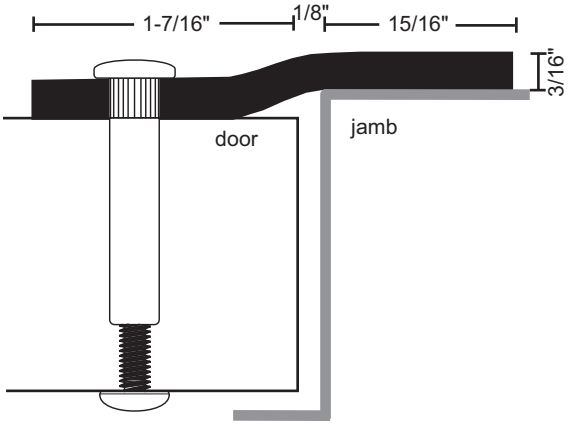


139SS **Stainless Steel**
type 304 brushed #4 finish (US32D, 630)

#10 x 3/4" SMS furnished

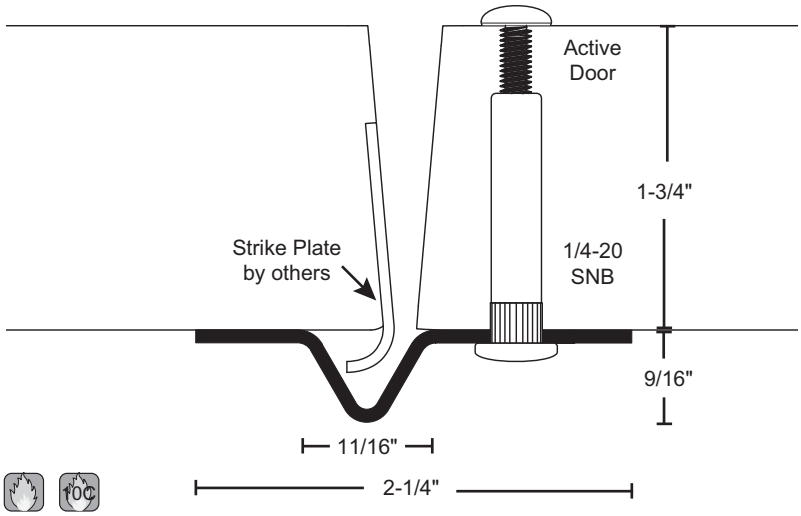


Steel Security Astragals



1392SP **Steel Prime Coat**

Maximum height 120"
#1/4-20 SNB's furnished.

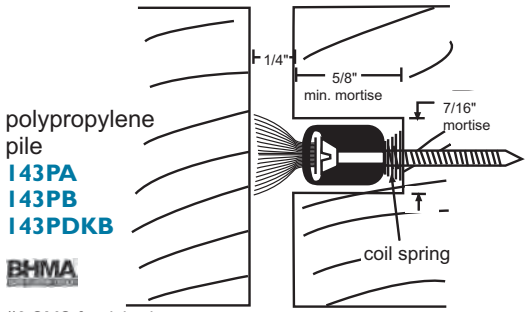


1390SP-83-1/8" **14 Ga. Galvanneal Steel Prime Coat**
1390SP-95-1/8"

Fits over curved lip strikes.
No notching, no field cutting.

Mortised Astragals

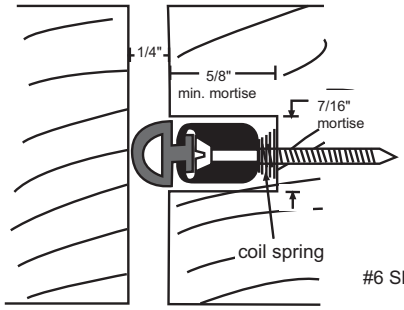
A - anodized aluminum
B - gold
DKB - dark bronze
no suffix - mill aluminum
nylon brush, pile, and vinyl are gray
neoprene, NGP-TPV & silicone are black



polypropylene pile
143PA
143PB
143PDKB

BHMA

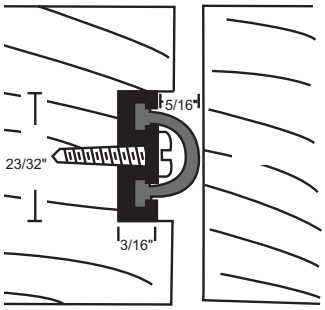
#6 SMS furnished.



#6 SMS furnished.

neoprene
143NA
143NB
143NDKB

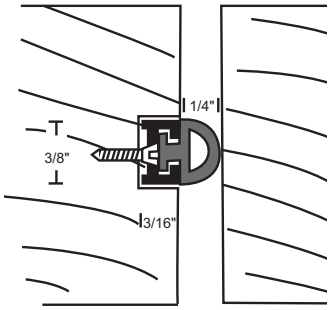
silicone
143SA
143SB
143SDKB



116N neoprene
116NDKB

BHMA

Mortise dimensions 3/4" wide x desired depth.
#6 X 3/4" SMS furnished.



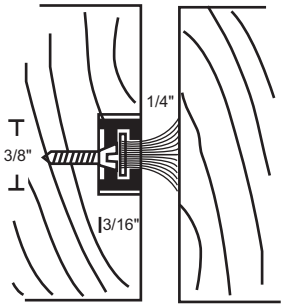
136N NGP-TPV
136NDKB

BHMA

136S silicone
136SDKB

BHMA

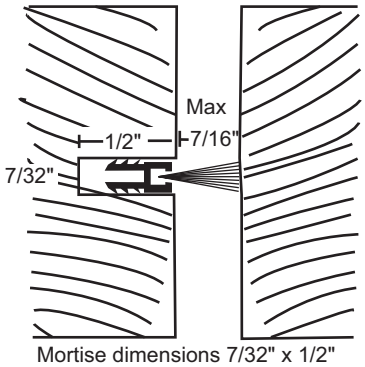
Mortise dimensions 7/16" wide x desired depth. #2 SMS furnished.



136P polypropylene pile
136PDKB

BHMA

Mortise dimensions 7/16" wide x desired depth.
#2 SMS furnished.



nylon brush
A635

BHMA

Mortise dimensions 7/32" x 1/2"
Order as **set** to receive two pieces
Maximum length 108"

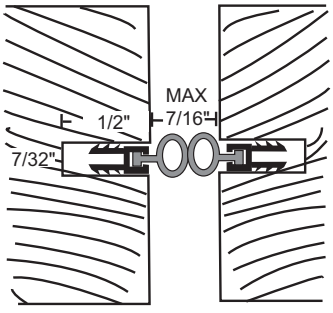
151N NGP-TPV

BHMA

151S silicone

BHMA

151V vinyl

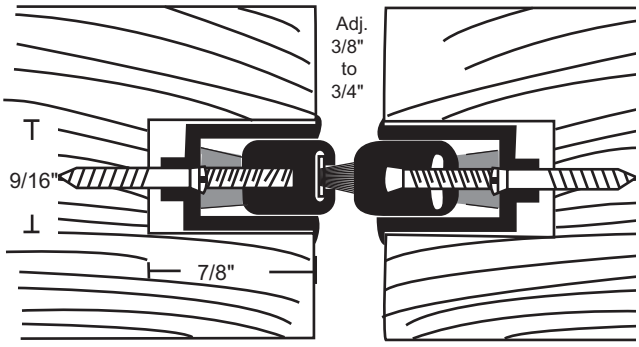


Mortise dimensions 7/32" wide x 1/2"
Order as **set** to receive two pieces
Maximum length 108"

Spring Adjustable Mortised Astragals

- Adjustment screws on 10" centers allow adjustment of the seal without repositioning mounting location.
- Spring-loaded to maintain constant pressure for the most effective seal.

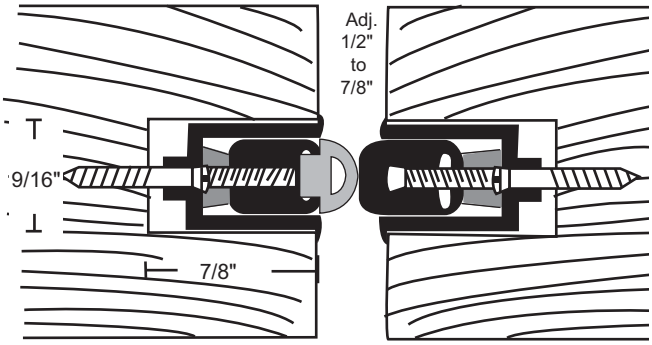
A - clear anodized
B - gold
DKB - dark bronze
Pile is gray
Silicone is black



Spring Loaded

polypropylene pile
I44PA
I44PB
I44PDKB

Mortise dimensions 9/16" wide x 7/8"
#8 x 3/4" SMS furnished
Order as set to receive both pieces

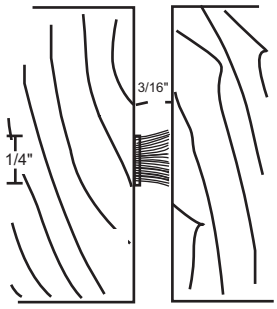


Spring Loaded

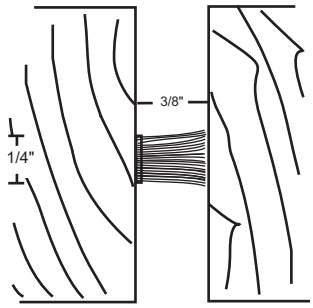
silicone
I44SA
I44SB
I44SDKB

Mortise dimensions 9/16" wide x 7/8"
#8 x 3/4" SMS furnished
Order as set to receive both pieces

Self-Adhesive Pile Astragals



340P polypropylene pile

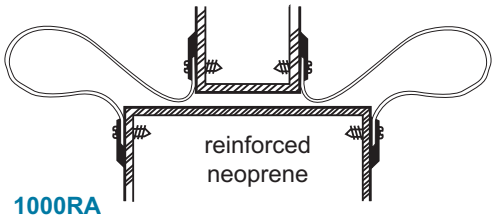


336P polypropylene pile

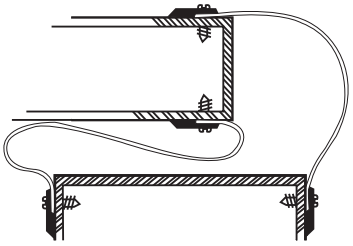
Safety Seal for Double-Acting Doors

Seals and closes gap at heel of double-acting or center pivoted doors.

#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.



1000RA
1000RB
1000RDKB

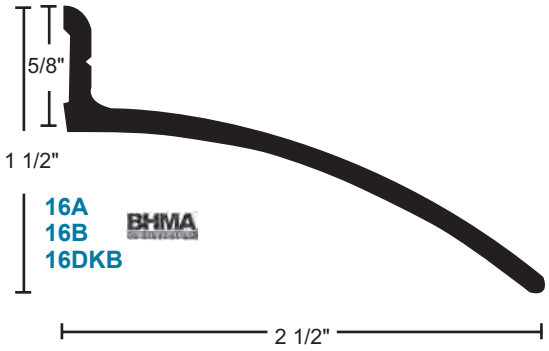


5", 10" or 16" overall widths available - Specify

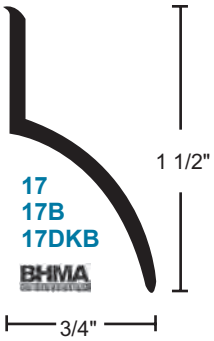
Rain Drip Guards

#6 x 3/4" Stainless Steel SMS furnished

A - anodized aluminum
B - gold
DKB - dark bronze
No Suffix - mll aluminum

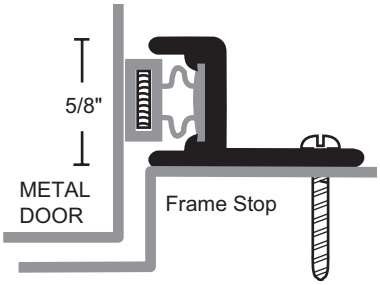


16A
16B
16DKB



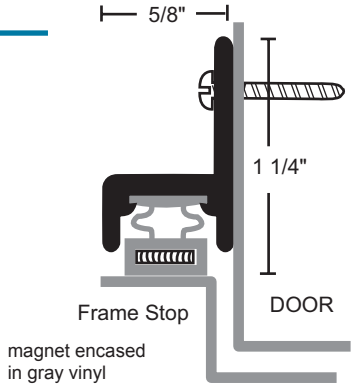
17
17B
17DKB

Magnetic Seals



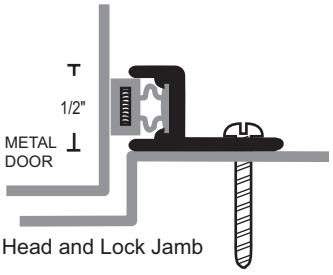
Head and Lock Jamb

159MA
159MB
159MDKB



Hinge Side

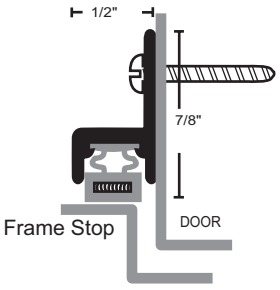
#6 x 3/4" Stainless Steel SMS furnished. Screw holes slotted for adjustment. Maximum length 144"



Head and Lock Jamb

157MA
157MDKB

magnet encased in brown vinyl

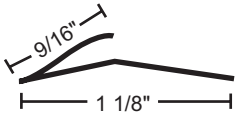


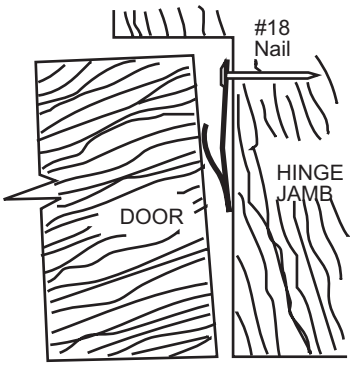
Hinge Side

Cushion Bronze Weatherstrip

Cushion material will not coil. Specify lengths required (36", 48", 72" 86", and 96".) Nails not included. Normal installation requires 3/4 lb. of nails per 100 ft. of weatherstrip; install 2" o.c. Zinc plated bronze finish nails available in 1 lb. bags. Wafer head pilot point drive nails make excellent applications for metal jambs, normal installation requires 6 per foot. Install using #41 drill bit. Available with Fast Attach Tape - Specify x "FATT".

43CB





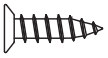
GASKETING FASTENERS



#2 x 1/2" FH
Phillips SMS



#4 x 5/8" TH
Phillips SMS
Use 5/64" Drill



#6 x 1/2" FH
Phillips SMS
Use 7/64" Drill



Phillips Head
Top View



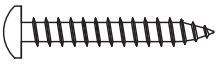
Spanner Head
Top View



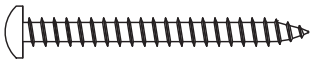
Torx Security
Top View



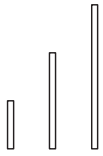
#6 x 3/4" PH
Phillips SMS
Use 7/64" Drill



#6 x 1" PH
Phillips SMS
Use 7/64" Drill



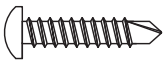
#6 x 1 1/2" PH
Phillips SMS
Use 7/64" Drill



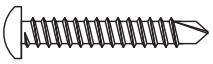
1/4" 1/2" 3/4"
FATT Tape
1/32" Thick



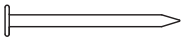
#6 x 1/2"
Phillips
TEK Screw



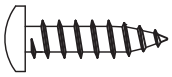
#6 x 3/4"
Phillips
TEK Screw



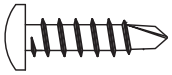
#6 x 1"
Phillips
TEK Screw



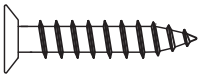
#18 x 7/8" Nail for
Spring/Cushion
Bronze Weather Strip
on Wood Jambs



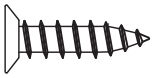
#8 x 3/4" PH
Phillips SMS
Use 9/64" Drill



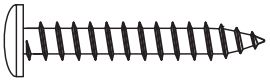
#8 x 3/4"
Phillips
TEK Screw



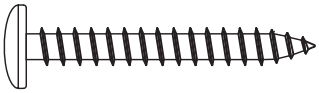
#8 x 1" FH
Phillips U/C SMS
Use 9/64" Drill



#10 x 3/4" FH
Phillips U/C SMS
Use 11/64" Drill



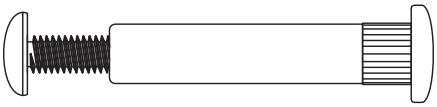
#8 x 1 1/4" TH
Phillips SMS
Use 9/64" Drill



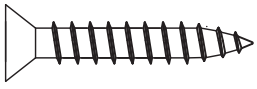
#10 x 1 1/2" TH
Phillips SMS
Use 11/64" Drill



#4 Wafer Head Drive Nail
for Spring/Cushion
Bronze Weather Strip
on Metal Jambs
Use #41 Drill bit for pilot hole



#1/4 - 20 Phillips SNB

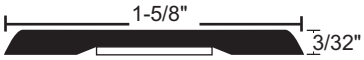


#12 x 1 1/4" FH
Phillips SMS

PH = Pan Head
FH = Flat Head
TH = Truss Head
MS = Machine Screw
SMS = Sheet Metal Screw
SNB = Sex Nut & Bolt
U/C = Undercut

NGP-Edge® Sealing System for Excessive Fire Door and Frame Clearances

UL Certified Solutions for Fire doors with Excessive clearance between door and frame over 1/8", up to 5/16"



9200 Gray
9200DKB Brown

Anti-Microbial protection proven up to 99% effective at killing a wide range of bacteria including MRSA and E-coli

NGP-Edge® Intumescent Fire Seal

UL Certified Miscellaneous Fire Door Accessory for excessive door and frame clearances, measuring up to 5/16"

20 minute rated UL10B and UL10C wood or hollow metal fire doors

An NGP strike shim 9275 or 9225 is also required for proper latchbolt engagement.

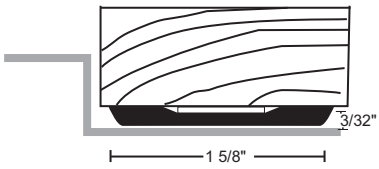
Intumescent with PVC cover

Available in 36", 48", 84", 96" and 108" lengths

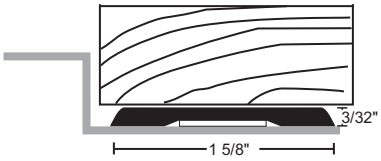
Self-Adhesive

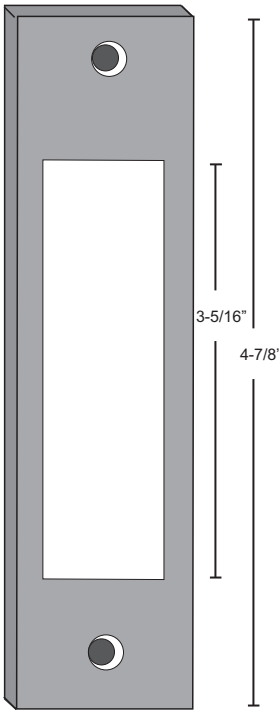
See adhesive specifications on page G9

Door application

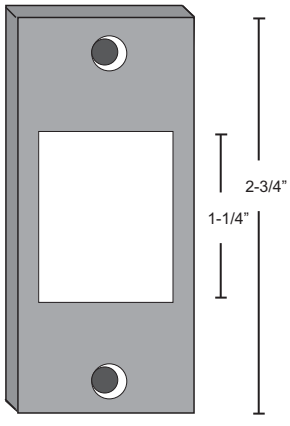


Frame application





9275 Gray Paint finish



9225 Gray Paint finish

Strike Shims

9275 - Fits 4 7/8" 'ASA' Strike Plate

9225 - Fits 2 3/4" 'T' Strike Plate

UL Certified Miscellaneous Fire Door Accessory for excessive door and frame clearances, measuring up to 5/16"

20 minute rated UL10B and UL10C wood or hollow metal fire doors

NGP 9200 self adhesive intumescent seal is also required where excessive clearance occurs at jambs and head.

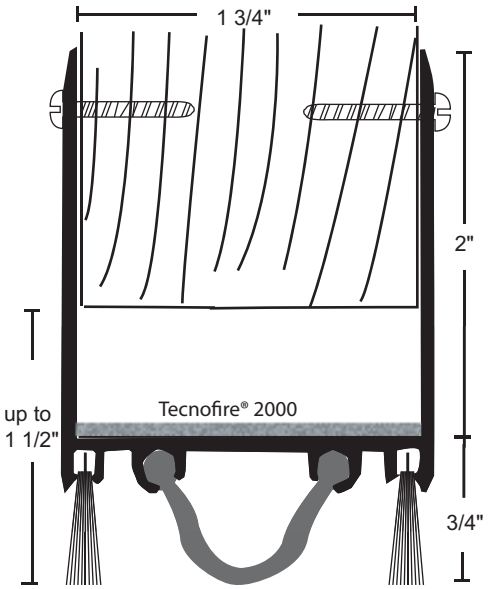
Phone: 800-647-7874
Fax: 800-255-7874
www.ngp.com
orders@ngp.com

NGP-Edge® Sealing System for Excessive Fire Door Bottom Undercuts/Clearance

UL Certified Solutions for Fire doors with Excessive Door Bottom Clearances up to 1-1/2"

NGP-Edge® Intumescent Door Shoes

9250 Series



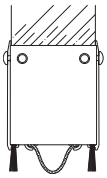
9250NWHA neoprene & nylon brush
9250NWHDKB neoprene & nylon brush

UL Certified Miscellaneous Fire Door Accessory for excessive door bottom undercuts/clearances, measuring up to 1-1/2"

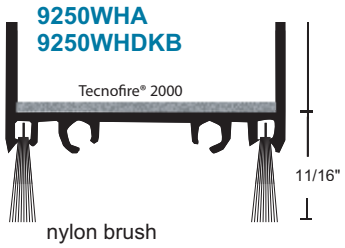
20 minute rated UL10B and UL10C wood or hollow metal fire doors

Restricts the passage of smoke

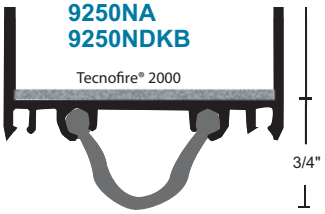
End caps available - sold separately



Gasketing options:



nylon brush



neoprene

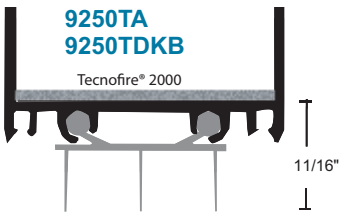


vinyl

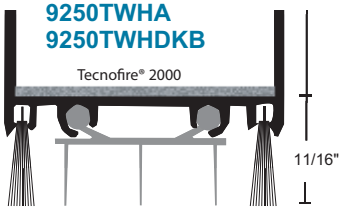
#6 x 3/4" Stainless Steel SMS furnished.

A- anodized aluminum
DKB - dark bronze

vinyl is gray
neoprene is black
thermoplastic is dark brown
nylon brush is gray with anodized aluminum; black with DKB metal



thermoplastic



nylon brush & thermoplastic