



National Guard Products, Inc.

The products you count on. The people you trust.

PRODUCT CATALOG

GASKETING PRODUCTS

- Category G-
NGP-Edge®Seals
- Category H-
Smoke and Draft
Control Seals
- Sound Seals
- Self Adhesive
Seals
- Intumescent
- Perimeter Seals
 - Vinyl
 - Polyurethane
 - Silicone
 - Neoprene
 - Brush
 - Pile
 - Interlocking
 - Magnetic
 - Adjustable
 - Concealed
Fastener
 - W/P.A. Closers
- Door Bottoms
 - Surface
 - Mortise
 - Special Apps
- Door Shoes
- Door Sweeps
- Astragals
 - Mortise
 - Surface
- Metal Edges/
Astragals
- Finger Guard

A close-up photograph of a brush gasket seal. The seal consists of numerous white, stiff bristles that are densely packed and fan out from a dark, curved metal frame. The background is a warm, orange-brown color, possibly a wall or another part of the machinery.

Gasketing



Gasketing Product Index

Adhesive	G12-G14	Interlocking	G45
Adjustable	G29	Kerf	G13, G19
Allseal Premium	G25	Magnetic	G28, G44
Automatic Door Bottoms	G30-G34	Metal Edges/Astragals	G50, G51
Astragals	G42-G47	Mullion	G12
Bronze	G27, G28	Neoprene Perimeter	G16, G17
Concealed Fastener	G24, G34, G41, G44	Nylon Brush Perimeter	G20, G21
Door Aligning Astragals	G49	Pile Perimeter	G15
Door Closer Compatible	G22, G23	Polyurethane Perimeter	G17
Drip Strips	G26-G28	Silicone Perimeter	G18, G19
Edge Sealing Systems	G8-G12	Shoes	G36-G38
Fast Attach Tape (FATT)	G14	Sweeps	G39-G41
Finger Guard	G48	Stainless Steel	G26
Foam Perimeter	G19	Vinyl Perimeter	G15
Glass Door	G35		

Symbols/Legend



UL10B & CAN4-S104-80M CLASSIFIED, complies with NFPA 80 and NFPA 252 for application to Steel fire doors rated up to 3 Hrs., and Wood type fire doors rated up to 1 1/2 hrs. (Rating on some items vary and are noted.)



POSITIVE PRESSURE UL10C CLASSIFIED, Category 'J' listed. Complies with **IBC**, UBC7-2 (1997) NFPA 80 and NFPA 252 for application to Positive Pressure Steel fire doors rated up to 3 Hrs., and Wood type fire doors rated up to 1-1/2 Hrs. (Ratings on some items vary and are noted.)



NGP-EDGE[®] SEALING SYSTEM, Category 'G' listed. Required for Category B listed wood type fire doors to meet positive pressure requirements complying with **IBC**, UBC7-2 (1997) Part 1, and NFPA 252. See individual products for maximum door size and ratings.



SMOKE & DRAFT CONTROL GASKETING, Category 'H' listed. Complies with **IBC**, UBC7-2 (1997) Part 2, UL1784, NFPA 105 for use on **'S' labeled** Positive Pressure Steel fire doors rated up to 3 hours, and wood type fire doors rated up to 1-1/2 hrs. (Ratings on some items vary and are noted.)



ACOUSTICAL TESTED to ASTM E90 and ASTM E413, by Riverbank Acoustical Laboratories in Geneva, IL. Refer to chart on page 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.



ANSI/BHMA CERTIFIED. Certified gasketing complies with A156.22-2005, and is listed in the BHMA Certified Products Directory.



Online product listings: www.ul.com/database



NATIONAL GUARD PRODUCTS, INC.

Numerical Index

5V.....	G38	131N.....	G16	223.....	G31	D648.....	G20
6V.....	G38	132N.....	G16	225.....	G32	A650.....	G35
12V.....	G38	133N.....	G16	229SS.....	G30	A651.....	G35
13V.....	G38	134N.....	G16	229BR.....	G30	652.....	G35
14R.....	G35	134S.....	G18	254P.....	G37	670.....	G24
15N.....	G36	135N.....	G17	284Q.....	G19	672.....	G24, 41, 44
16.....	G28	136N, 136S.....	G35, 47	303N.....	G29	673.....	G41
16SS.....	G26	136P.....	G47	304N.....	G29	674.....	G41
17.....	G28	137N.....	G17, 42	305N.....	G29	675.....	G24, 41, 44
17BR.....	G27	137S.....	G19, 42	310.....	G30	676.....	G24
18V.....	G38	139A.....	G46	312V.....	G37	678.....	G41
19V.....	G38	139BR.....	G27, 46	313V.....	G37	679.....	G41
26N.....	G36	139SP.....	G46	318V.....	G37	680.....	G31
35V.....	G37	139SS.....	G26, 46	319V.....	G37	682.....	G33
35EV.....	G37	140P.....	G43	319EV.....	G37	683.....	G33
36V.....	G37	140M.....	G44	320.....	G32	700.....	G23
36EV.....	G37	140S.....	G43	335.....	G32	700E.....	G22
43CB.....	G28	141.....	G29	339FS.....	G11	701E.....	G22
43SB.....	G28	143P.....	G47	361.....	G12	701P.....	G23
44SB.....	G28	144.....	G47	362.....	G12	703V.....	G23
45SB.....	G28	147N.....	G47	420N.....	G31	703E.....	G22
50SB.....	G28	148N.....	G45	421N.....	G31	704V.....	G23
95VWH.....	G36	149M.....	G44	422N.....	G33	704E.....	G22
96V.....	G41	150U.....	G17	423N.....	G33	705V.....	G23
97V.....	G41, 43	151.....	G47	520N.....	G31	705E.....	G22
98V.....	G41	152V.....	G15	522N.....	G33	706.....	G23
99.....	G38	152S.....	G19	541.....	G50	706E.....	G22
100V.....	G41	154P.....	G37	543.....	G50	707S.....	G23
101V.....	G41	155V.....	G15	545.....	G50	780.....	G30
102V.....	G41	155S.....	G19	550.....	G50	1000R.....	G48
103N.....	G29	156S.....	G19	551.....	G50	1015V.....	G41
104N.....	G29	156V.....	G15	552.....	G50	1025V.....	G41
105N.....	G29	157M.....	G28	553.....	G50	1038N.....	G29
106.....	G29	158.....	G45	555.....	G50	1392SP.....	G46
107.....	G29	159M.....	G28	560.....	G50	2014R.....	G40
108N.....	G16	160S.....	G19	561.....	G50	2248.....	G48
109N.....	G45	160U.....	G17	562.....	G50	2252.....	G48
109BR.....	G27	160V.....	G15	563.....	G50	2525.....	G13
109SS.....	G26	161N.....	G17	565.....	G49	3038N.....	G29
110N.....	G16	161P.....	G15	570.....	G50	4440.....	G34
110S.....	G18	161S.....	G19	572.....	G50	4441.....	G34
112N.....	G36	161U.....	G17	574.....	G50	4447.....	G34
113N.....	G36	161V.....	G15	575.....	G49	4448.....	G34
114.....	G45	162S.....	G19	600.....	G21, 39, 43	5020.....	G13
115N.....	G42	162V.....	G15	601.....	G21, 39	5021.....	G13
116N.....	G35, 47	164V.....	G15	602.....	G21	5040.....	G13
117N.....	G40	165N.....	G16	603.....	G21	5050.....	G12
118N.....	G36	165S.....	G18	A605.....	G21, 39, 43	5060.....	G13
119N.....	G36	170.....	G24	B606.....	G21, 39, 43	5100.....	G12
120N.....	G16	172.....	G24	C607.....	G21, 39	9000.....	G25
120BR.....	G27	176.....	G45	D608.....	G21, 39	9001.....	G18, 25
120S.....	G18	178S.....	G45	E609.....	G21, 39	9002.....	G18, 25
120SS.....	G26	PF180.....	G14	G610.....	G21, 39	9004.....	G25
121.....	G43, 45	PF183.....	G14	G611.....	G21	9115.....	G25, 42
122N.....	G16	184Q.....	G19	H612.....	G21, 39	9125.....	G25, 42
122NBR.....	G27	185P.....	G15	H614.....	G21	9125BR.....	G27
122SS.....	G26	188V.....	G15	I-615.....	G21	9125SS.....	G26
123N.....	G43, 45	189M.....	G44	I-616.....	G21	9450.....	G8
124.....	G45	190V.....	G15	A617.....	G21	9500.....	G11
125N.....	G42	191V.....	G24	618.....	G36	9500 x 2525.....	G9
125BR.....	G27	197N.....	G40	C619.....	G20	9500 x 5020.....	G9
125SS.....	G26	198.....	G40	D620.....	G20	9550.....	G8
127S.....	G18	199N.....	G40	E621.....	G20	9600.....	G25, 39, 42
127N.....	G16	200.....	G40	G622.....	G20	9605.....	G25, 39, 42
127SSS.....	G26	200BR.....	G27	H623.....	G20	9700.....	G23
129N.....	G17	200SS.....	G26	I-624.....	G20	9700E.....	G22
129U.....	G17	201N.....	G40	A625.....	G20	9706E.....	G22
129BR.....	G27	202N.....	G40	F625.....	G20	9750.....	G9
129SS.....	G26	203N.....	G40	A626.....	G20	9800.....	G10
130N.....	G16	220.....	G30	C627.....	G39	9850.....	G9
130BR.....	G27	221SS.....	G30	OV633.....	G21, 39	9890.....	G10
130S.....	G18	221BR.....	G30	OV634.....	G21, 39	81369N.....	G35
130SS.....	G26	222.....	G30	A635.....	G47	FATT.....	G14



Finish Information

Base Metal	Finishes Available: All finishes are not available on all products. Refer to part numbers for availability.				
Aluminum (Alloy = 6063, Hardness = T5)	Mill (AE) ANSI/BHMA 719 (No Suffix)	Clear ANSI/BHMA 628 NGP Suffix ‘A’	Gold ANSI/BHMA 688 NGP Suffix ‘B’	Dark Bronze ANSI/BHMA 710 NGP Suffix ‘DKB’	Bright Polished ANSI/BHMA 717 NGP Suffix ‘POL’
Architectural Bronze (Alloy = CDA 385)	Satin Brass ANSI/BHMA 720 NGP Suffix ‘BR’	Polished Brass ANSI/BHMA 721 NGP Suffix ‘BR-POL’	Dark Bronze ANSI/BHMA 722 NGP Suffix ‘BR-DKB’	cushion & spring bronze weatherstrip is furnished of alloys 85-15 or 90-10 commercial bronze, hardness H-4.	
Stainless Steel (Type 304)	Mill Finish #2B NGP Suffix ‘SS’	Polished Stainless ANSI/BHMA 629 NGP Suffix ‘SS-POL’	Brushed Stainless finish #4 ANSI/BHMA 630 NGP Suffix ‘SS-Brushed’		
POWDER COAT FINISHES SEE PAGE L2 FOR STANDARD COLORS. CONSULT FACTORY FOR CUSTOM COLOR MATCHING.					

LEED Green Building Rating System

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. NGP aluminum and brass/bronze gasket retainers contain 70% to 80% post-consumer recycled material contributing LEED points under Materials and Resources credits 4.1 and 4.2, recycled content equal to 56% of the value of these gasketing products with metal retainers.

All neoprene, silicone, vinyl, nylon brush and other gasket materials are new material. Gaskets without aluminum or brass/bronze metal retainers have no recycled content.

If the building where the products are installed is within 500 miles of our manufacturing facility in Memphis, TN then NGP materials contribute toward Materials and Resources, credits 5.1 and 5.2, local/regional materials, in LEED new construction versions 2.0 and 2.1.



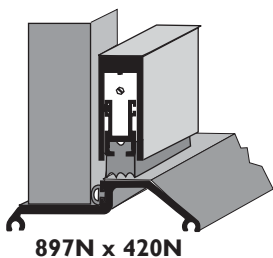
Made in USA All manufactured products in this catalog are produced in the United States, and comply with the Buy American Act.

Sound Transmission Class (STC) Rated Door Assemblies

STC Rating Static Door	STC Rating Operable Door w/ Gasket	Perimeter Seals	Automatic Door Bottom	Threshold
30	30	103N, 107N, 120N, 127N, 133N, 134N, 137N, 700N	420N	897N
30	30	130S	225S	896S
30	30	107S	220S	950S
33	31	5020	780V	513
36	33	5050	335N	513
40	37	5020	780V	513
40	37	103N, 107N, 303N	420N	897N
40	38	•(2) 5050	335N	896S
40	39	120N, 133N, 134N, 137N, 700N	420N	897N
40	39	107S	220S	950S
44	39	1038N	422N	896S
45	39	5050	335N	896S
47	39	103N	420N	897N
43	40	•(2) 5050	422N	896S
44	40	131N	335N	896S
50	41	120N, 133N, 137N, 700N	420N	897N
45	42	•(2) 5050	335N	896S
50	42	130S	225S	896S
47	43	•(2) 5050	422N	896S
50	43	103N, 134N	420N	897N
50	43	107S	220S	950S
51	43	159M	420N	897N
48	44	•(2) 5050	422N	896S
52	44	107N, 131N, 1038N	420N	897N
60	44	134N	420N	897N
60	44	130S	225S	896S
60	46	107S	220S	950S

TESTED TO ASTM E90 and ASTM E413.

•Indicates 2 rows of 5050 installed as follows:



Acoustical Gasketing

The chart above indicates the STC rating of specially made sound doors using various applications of gasketing. The first column is the rating of the door only, which is tested as a static panel (in an inoperable condition with no perimeter gaps) to determine the sound transmission through the door. The second column is the rating of the operable door equipped with the hardware and gasketing which provides the sound transmission through the door assembly.

STANDARD DOORS without special sound core - solid core wood doors with gasketing test to an STC rating of approx. 30. Mineral core wood doors and Honey comb core hollow metal doors with gasketing test to an STC rating of approx. 35. Without gasketing these doors have no sound control and test to an STC rating of approx. 15. To most effectively reduce sound transmission around the perimeter we recommend the following be used:

- 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)



ANSI/BHMA



The following chart 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 (2005) 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	4. Smoke Rated Gaskets 5. Air Leakage Rated Gaskets 6. Items not rated. Intended for Product types 3, 4, 5, 9 and 0 in the fourth character designation.

The International Building Code (IBC)

The International Building Code (IBC) requires swinging fire doors to be tested in accordance with NFPA 252 or UL10C, 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 barriers 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 (75F) and elevated temperature (400F). These assemblies shall show 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 **meeting edge** on pairs of “S” label doors in corridor locations or smoke barriers.

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 are some recommended products UL listed Category H for wood doors - 90 min. max., steel doors - 3 hour max.



Perimeter: 2525, 5020, 5040, 5050, 5060



Meeting edges: 115N, 125N, 137N, 137S, 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 **meeting edge** on pairs of “S” label doors in corridor locations or smoke barriers.

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 are some recommended products UL listed for both category G and H:



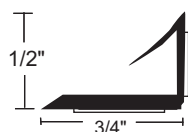
Perimeter 20 minute: 5050
Perimeter 45, 60, 90 minute: 9450, 9550, 9750, 9850



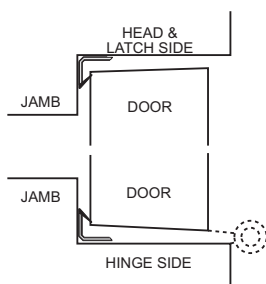
Meeting edge 20, 45, 60, 90 minute: 9550



Combination NGP-Edge® Sealing System Smoke and Draft Control Gasketing - Category “G” and “H” Listed



9450B Brown
9450C Charcoal
9450W White



9450 Intumescent with TPE Fin Fire and Smoke Seal



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

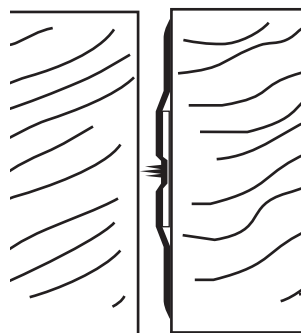
single swing 4'0 x 9'0
standard pair 8'0 x 9'0 use 9550 at the meeting edge

1/8" clearance required between door and frame

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

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year



9550 Gray
9550DKB Brown

9550 NGP-Edge® with TPE Fins Fire and Smoke Seal



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

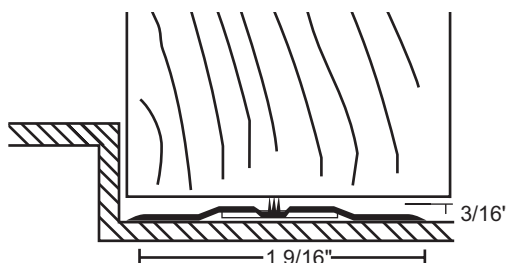
single swing 4'0 x 9'0, perimeter application
pairs 8'0 x 9'0, perimeter/meeting edge

Designed for 1/8" clearance between doors and between door & frame

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

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year



Combination NGP-Edge® Sealing System Smoke and Draft Control Gasketing - Category 'G' and 'H' Listed

9750, 9850 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"



1/8" clearance required between door and frame

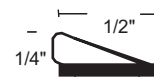
Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year



9850B Brown
9850C Charcoal
9850W White

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



9750B Brown
9750C Charcoal
9750W White

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

9500 x 2525 or 9500 x 5020 NGP-Edge® Fire Seal x Smoke Seal

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

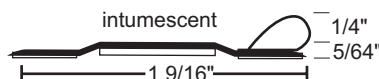
single swing 4'0" x 9'0"
pairs 8'0" x 9'0"



1/8" clearance required between door and frame

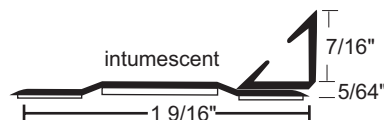
Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year



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

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



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

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



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

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



9800 Intumescent Fire Seal

Perimeter Application:



20, 45, 60 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.

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year



9890C Charcoal

Intumescent with Protective Skin

Available per foot as required



9890 Intumescent Fire Seal



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

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year

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

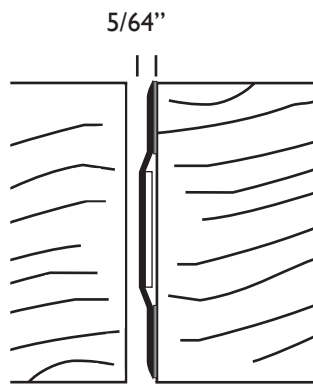
9500 NGP-Edge® Intumescent Fire Seal



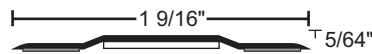
20, 45, 60, 90 minute rated category B wood doors up to:

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

U.S. Pat. DES 417,739



designed for 1/8" clearance between doors



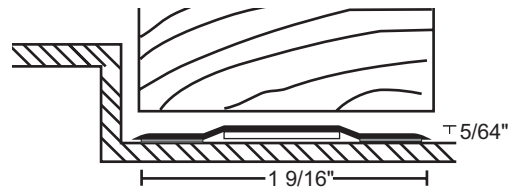
9500 Gray
9500DKB Brown

Intumescent with PVC cover

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

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year.



1/8" clearance required between door and frame

Intumescent Door Sweep

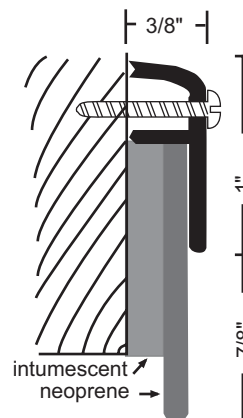
Retain Fire Rating on 20 Minute Wood Doors With Undercut up to 1 1/4"

Positive Pressure listed, UL10C, UBC 7-2 (1997), IBC for 20 minute wood doors with up to 1 1/4" undercut.

UL10B for 20 minute wood doors with up to 1 1/4" undercut.

A - clear
DKB - dark bronze
neoprene is black

339FSA
339FSDKB





Combination NGP-Edge® Sealing System Smoke and Draft Control Gasketing - Category 'G' and 'H' Listed

5050

Silicone Bulb Fire and Smoke Seal

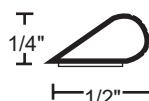


Edge Sealing System - Category "G"
for 20 minute rated category B
wood doors perimeter application up to:
single swing 4'0" x 8'0"
pairs 8'0" x 8'0"
use 9550 at the meeting edge of pairs

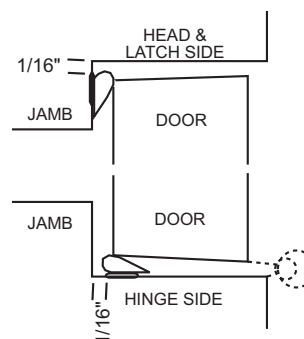


Up to 3 hours steel fire doors
Up to 1 1/2 hours wood fire doors

Meets requirements of ROHS Directive 2002/95/EC



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



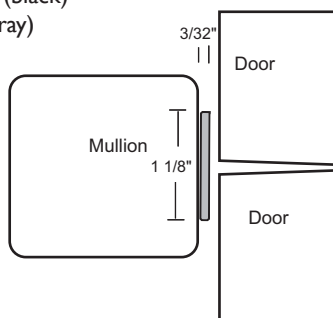
Available in 17', 20', 21', 25', and 300' rolls

Self-Adhesive

Note: See adhesive specifications on next page

Seal for Mullion Applications

5100N Neoprene (black)
5100S Silicone (gray)



Closed cell 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.



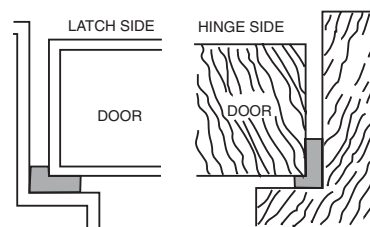
Available in 86" and 96" lengths.

Self-Adhesive

Note: See adhesive specifications on next page

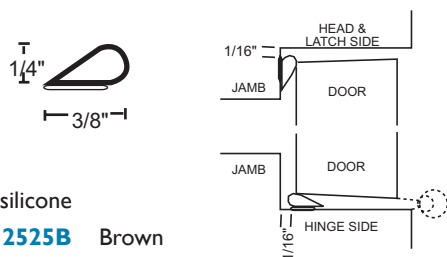
Neoprene Sponge Self-Adhesive Gasketing

	width	thickness
361 21' rolls	3/8"	x 3/16"
362 21' rolls	1/2"	x 1/4"



Self-Adhesive Gasketing

Adhesive specifications: Acrylic pressure sensitive adhesive protected by polyethylene 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 is -40°F up to 250°F . Shelf life of adhesive prior to installation is one year when stored at 40°F to 80°F and 60% relative humidity or less.

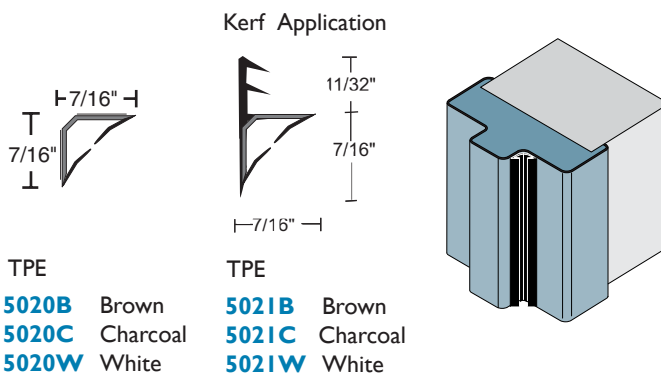


silicone

- 2525B** Brown
- 2525C** Charcoal
- 2525W** White
- 2525T** Tan



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



TPE

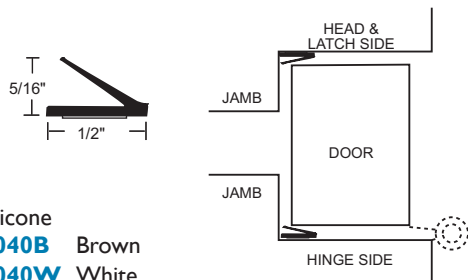
- 5020B** Brown
- 5020C** Charcoal
- 5020W** White

TPE

- 5021B** Brown
- 5021C** Charcoal
- 5021W** White



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

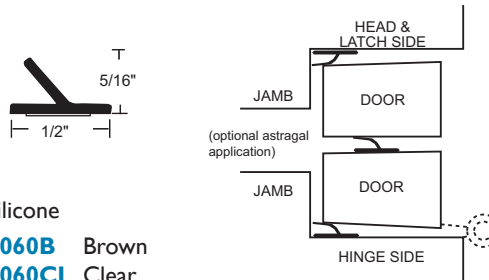


silicone

- 5040B** Brown
- 5040W** White



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



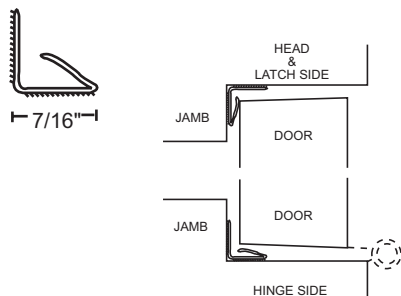
silicone

- 5060B** Brown
- 5060CL** Clear



Available in 7', 8', 9', 17', and 21' rolls.

Self-Adhesive Gasketing



rigid black vinyl

PF180

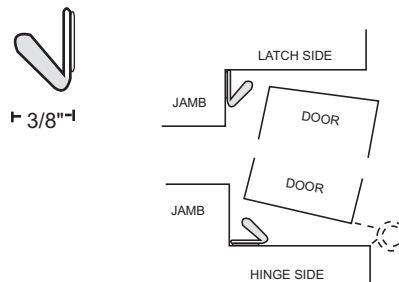
Available in 36", 48", 86", 96" & 120" lengths



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

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year



Q-Ion, brown polyethylene liner, foam core

PF183

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



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

Self-Adhesive

Note: Shelf life of adhesive prior to installation is one year

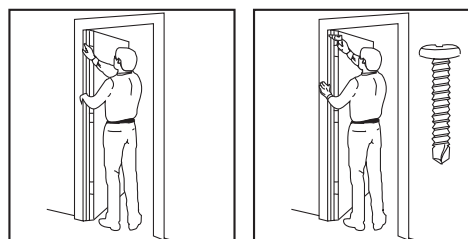
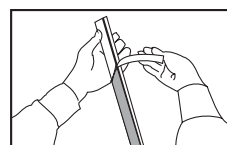
“FATT”

Fast Attach Two-Way Tape

Fast attach two way tape provides an easy and effective alternative to 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.



Vinyl Seals

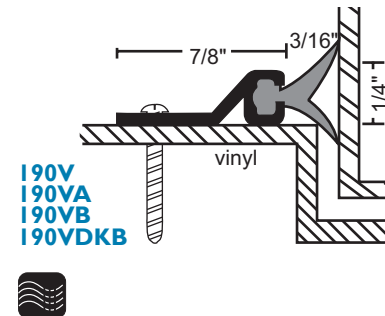
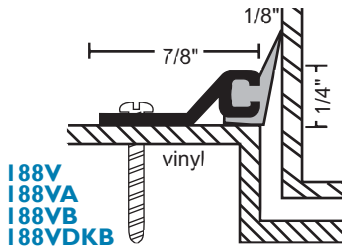
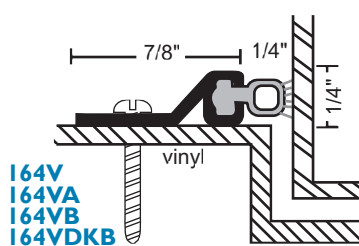
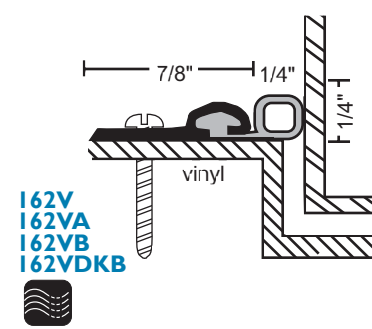
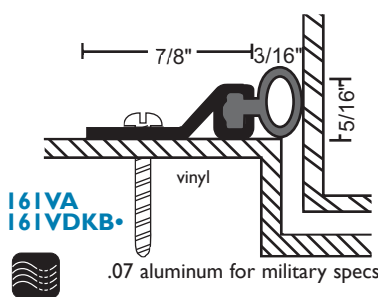
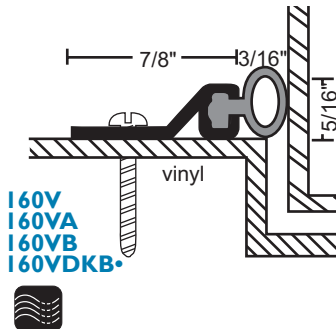
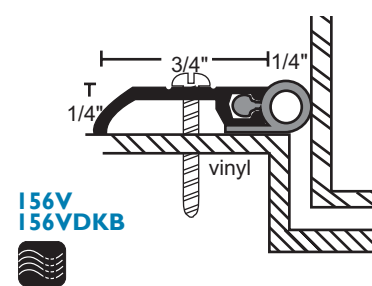
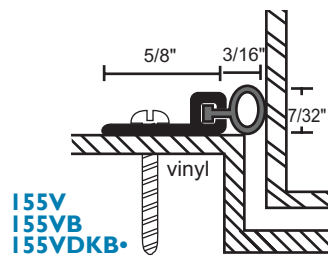
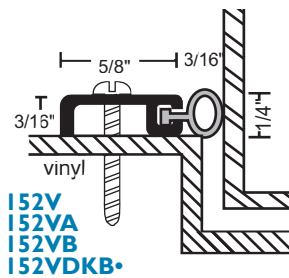
Properties:

- Synthetic polymer: Polyvinyl Chloride
- Economical
- Flame resistant
- Moisture resistant
- Temperature range 0F to 140F
- Plasticizers evaporate with age and exposure to UV, Cold, Heat causing hardening, loss of memory, loss of resilience, cracking and crazing

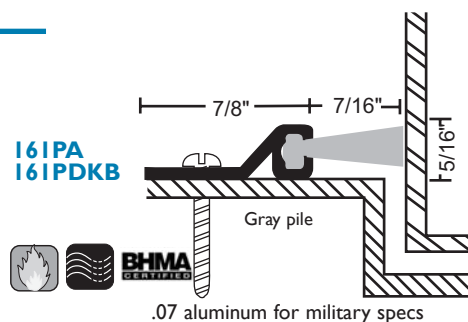
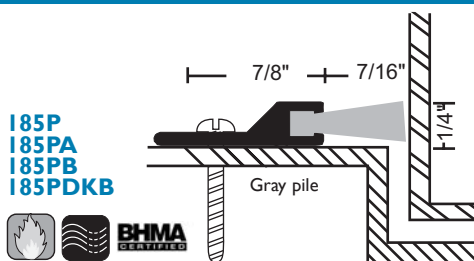
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment



A - clear
B - gold
DKB - dark bronze
no suffix - mill
Vinyl is gray
(exception: •vinyl is black)



Pile Seals



Neoprene Seals

Properties:

- Synthetic rubber polymer: Polychloroprene
- Very good abrasion resistance, tensile strength and memory
- Flame resistant
- Moisture resistant
- Temperature range -30F to 210F
- Subject to UV (ultra violet) degradation; hardens and crazes over time
- BHMA Certified to ANSI A156.22 performance tests for Heat, Cold, Air Leakage and Smoke Control

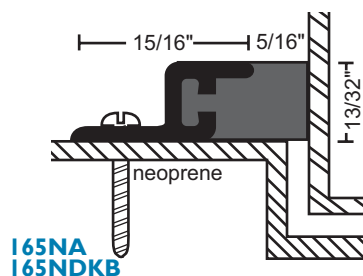
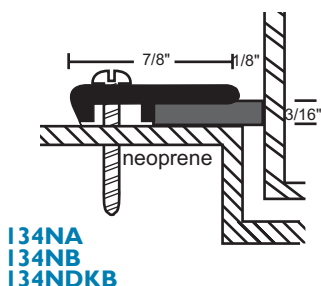
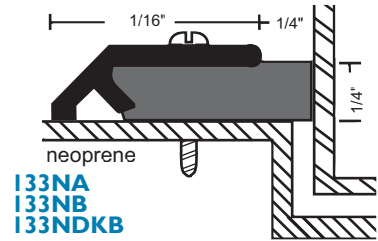
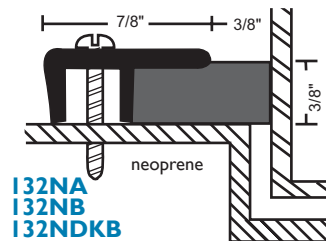
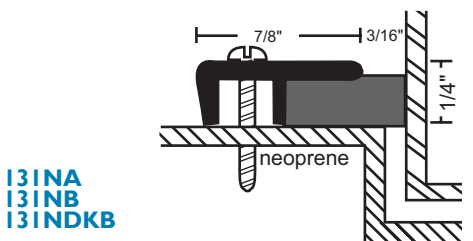
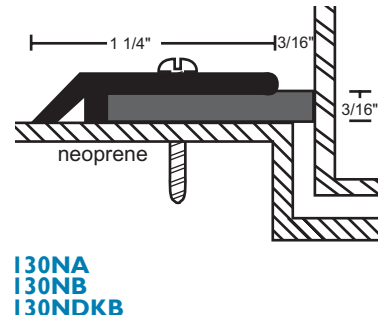
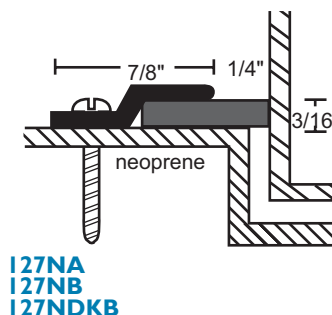
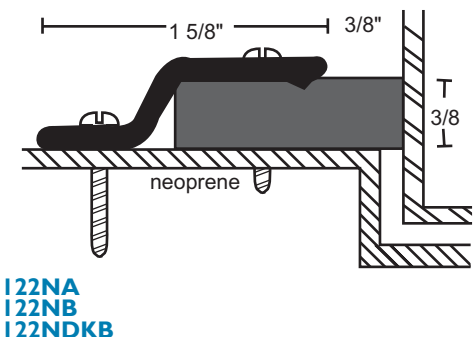
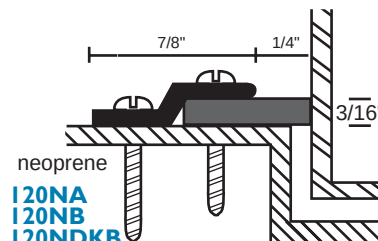
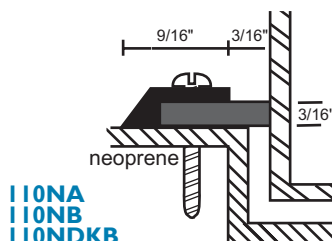
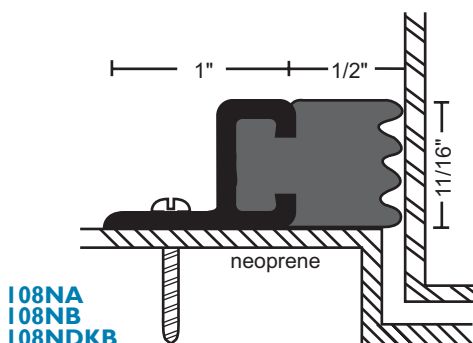
All products
this page



A - clear
B - gold
DKB - dark
bronze
neoprene is black

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

Closed Cell Sponge



Neoprene Seals

Properties:

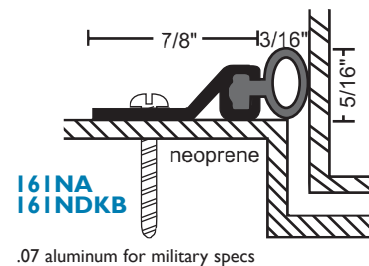
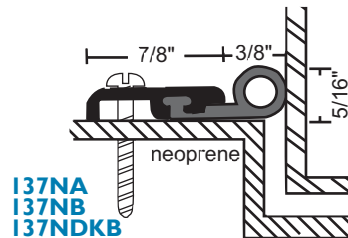
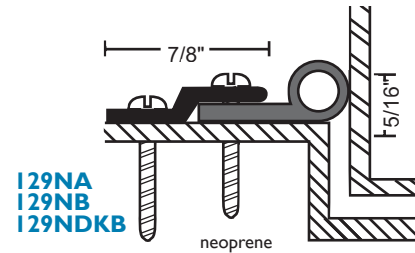
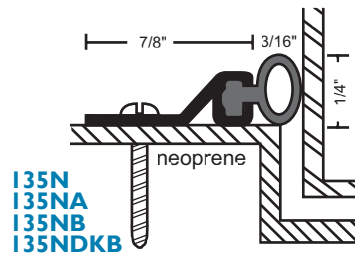
- Synthetic rubber polymer: Polychloroprene
- Very good abrasion resistance, tensile strength and memory
- Flame resistant
- Moisture resistant
- Temperature range -30F to 210F
- Subject to UV (ultra violet) degradation; hardens and crazes over time
- BHMA Certified to ANSI A156.22 performance tests for Heat, Cold, Air Leakage and Smoke Control

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



All neoprene seals this section

Dense Bulbs



Polyurethane Seals

Properties:

- Very good abrasion resistance, tensile strength, memory and UV resistance.
- Flame resistant
- Moisture resistant
- Temperature range -65F to 210F

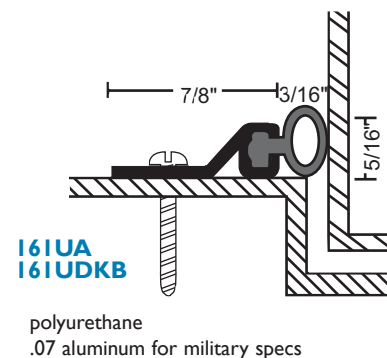
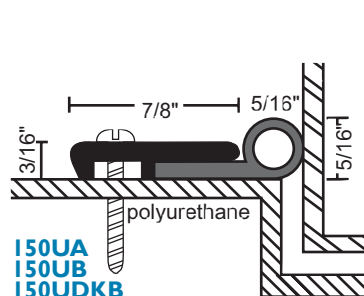
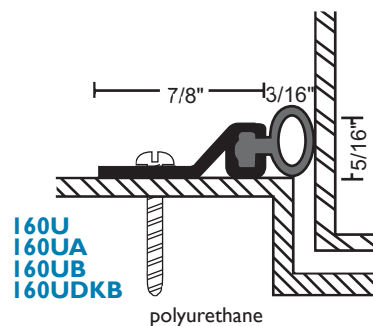
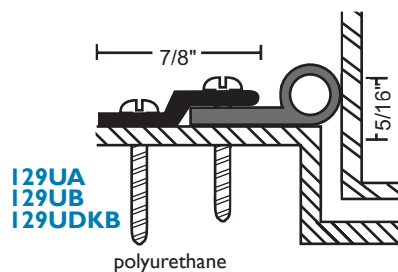
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished
Screw holes slotted for adjustment



All polyurethane seals this section

polyurethane is black

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



Silicone Seals

Properties:

- Synthetic rubber polymer: Polysiloxane
- Excellent flexibility and memory
- Flame resistant
- Moisture resistant
- Temperature range -100F to 525F, excellent flexibility at extreme temperatures
- Not affected by UV, most cleaning chemicals
- Recommended for areas using FM200 or Halon Fire Suppression Systems
- BHMA Certified to ANSI A156.22 performance tests for Heat, Cold, Air Leakage and Smoke Control

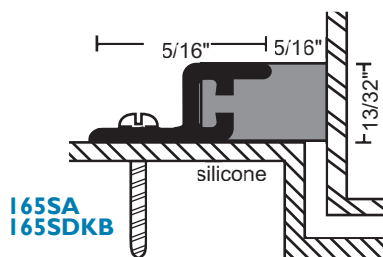
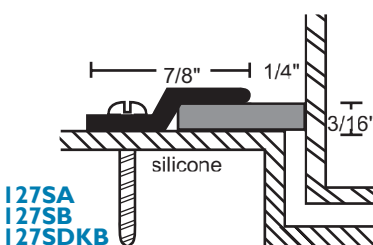
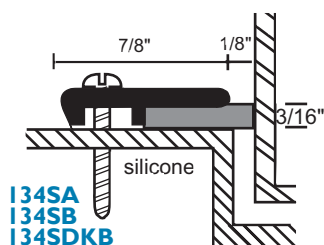
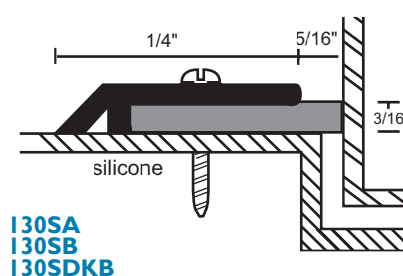
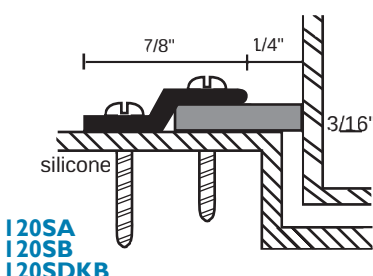
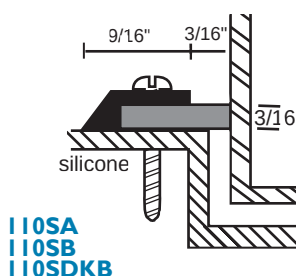


All products this page

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

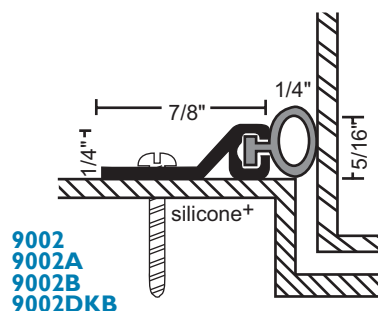
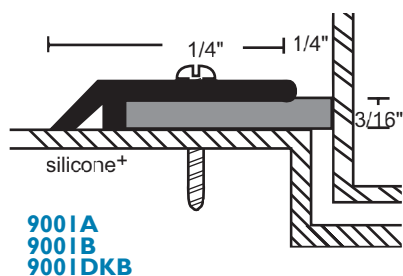
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes slotted for adjustment

Closed Cell Sponge



Silicone Plus

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



Silicone Seals

Properties:

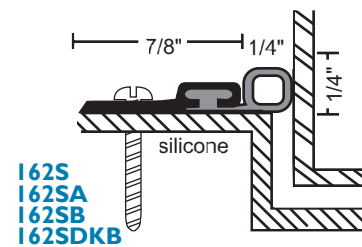
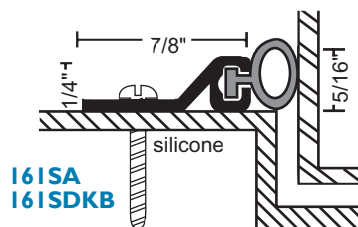
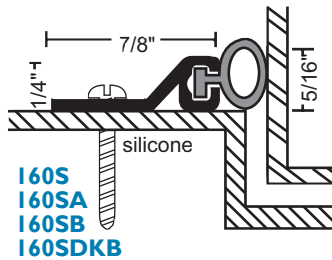
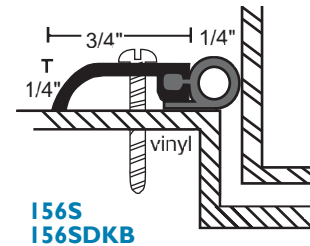
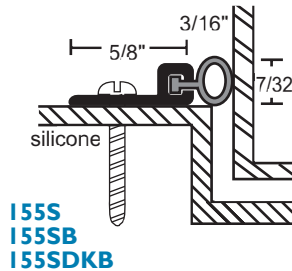
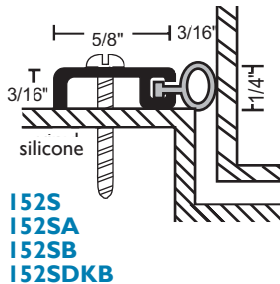
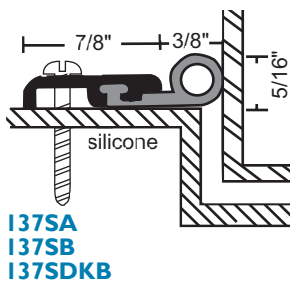
- Synthetic rubber polymer: Polysiloxane
- Excellent flexibility and memory
- Flame resistant
- Moisture resistant
- Temperature range -100F to 525F, excellent flexibility at extreme temperatures
- Not affected by UV, most cleaning chemicals
- Recommended for areas using FM200 or Halon Fire Suppression Systems
- BHMA Certified to ANSI A156.22 performance tests for Heat, Cold, Air Leakage and Smoke Control



All silicone seals this section

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

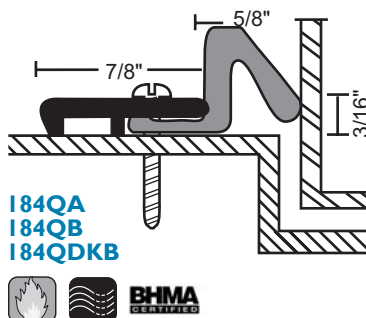
Dense Bulbs



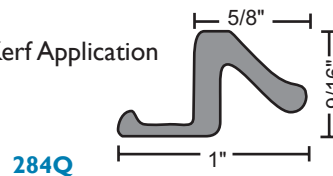
.07 aluminum for military specs

Foam Seals

Q-Ion, brown polyethylene liner, foam core



Kerf Application



A - clear
B - gold
DKB - dark bronze
no suffix - mill
dense silicone is black
(exception: I37 silicone is gray)

Nylon Brush Seals

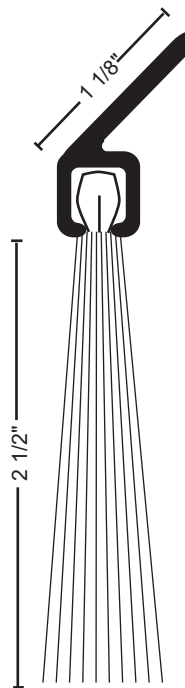
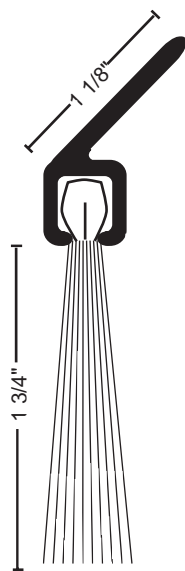
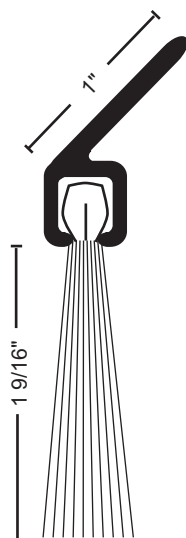
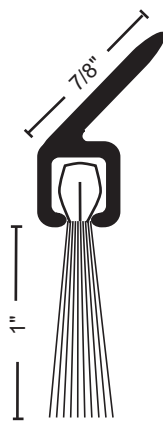
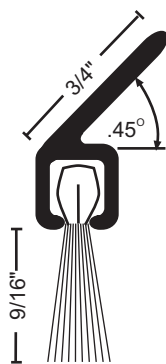
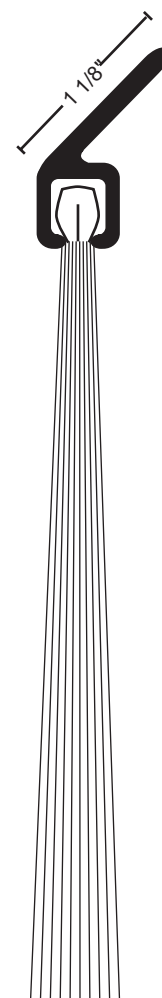
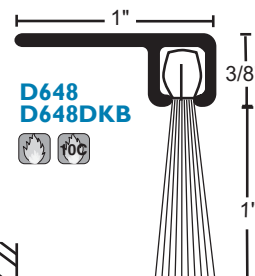
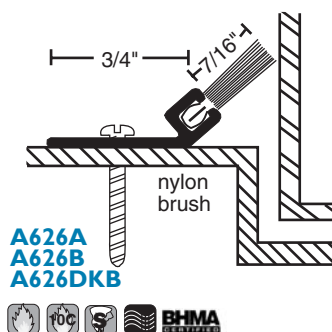
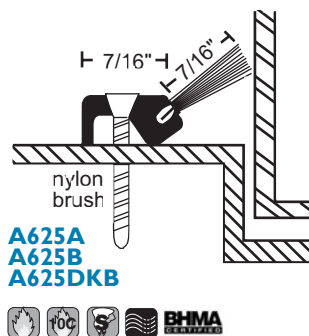
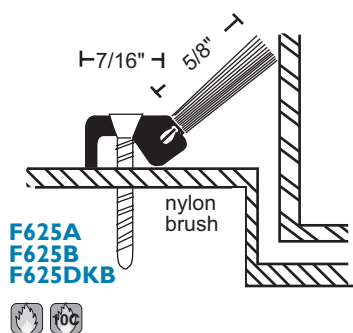
Nylon Brush Seals

Properties:

- Synthetic polymer: Polyamide
- Excellent abrasion resistance, flexibility and memory
- Moisture resistant
- Retains insecticides well
- Temperature range -70F to 160F
- BHMA Certified to ANSI A156.22 performance tests for Heat, Cold, Air Leakage and Smoke Control in most common profiles as indicated by BHMA Certified symbol.
- Not effective against water penetration

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

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



C619A
C619DKB



D620A
D620B
D620DKB



E62IA
E62IDKB



G622A
G622DKB



H623A
H623DKB



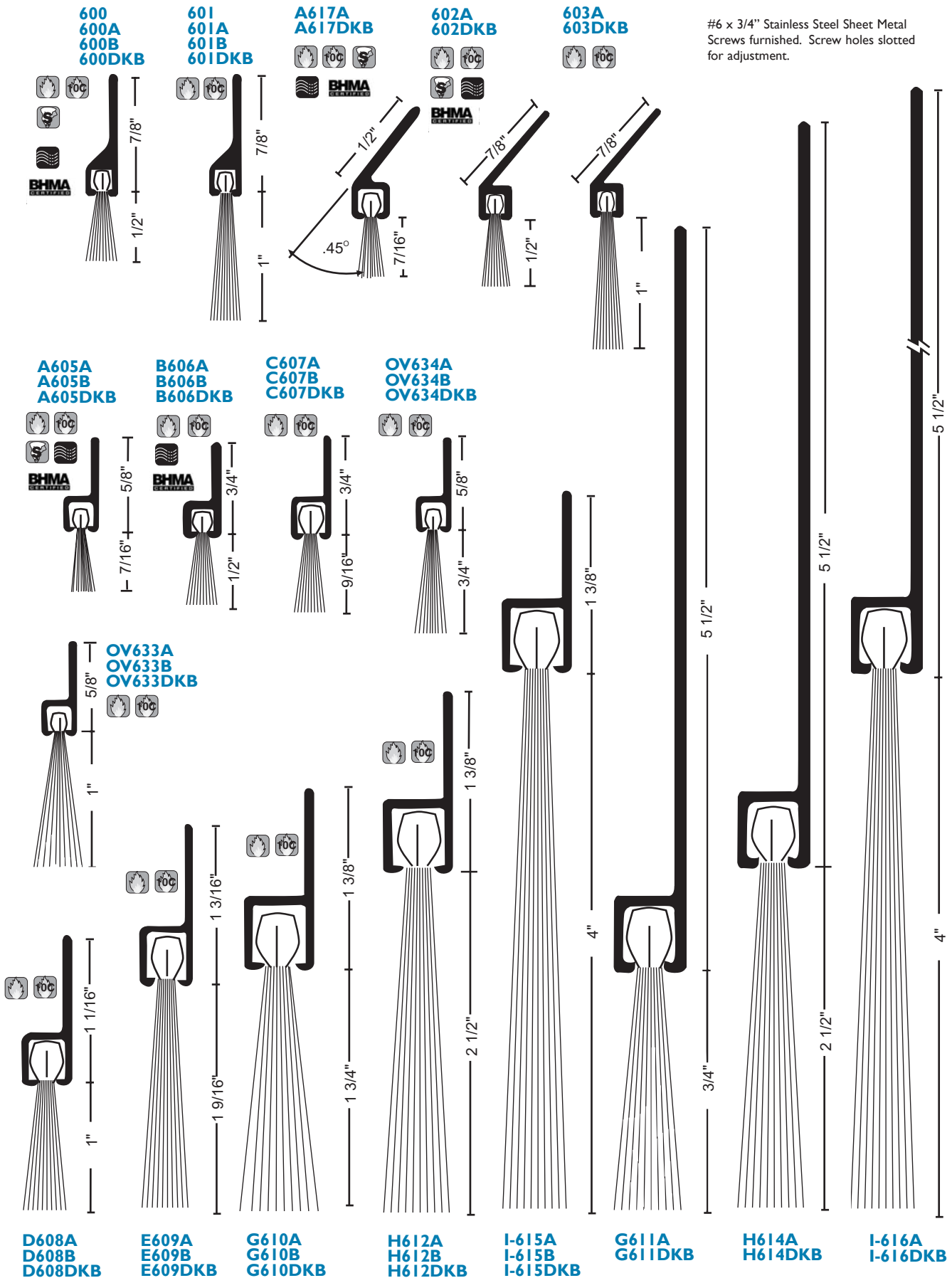
I-624A
I-624DKB



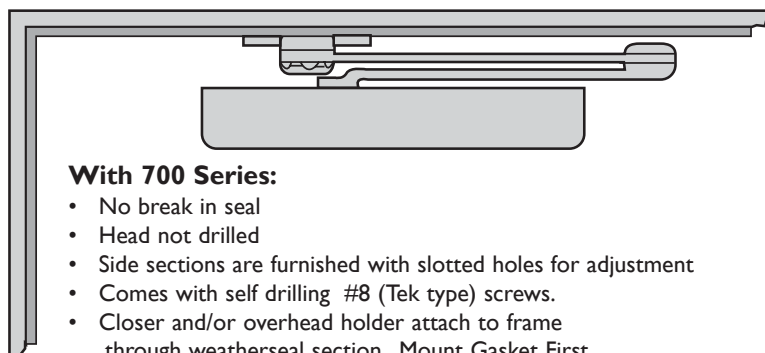
* up to 3 hours metal doors, 1 hour wood doors.

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

Nylon Brush Seals



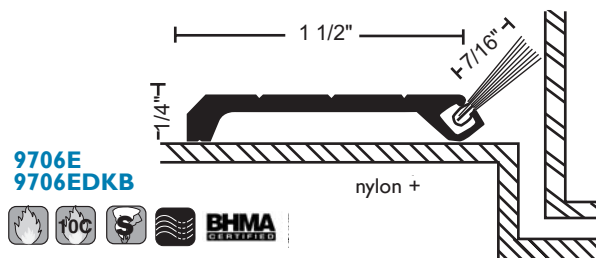
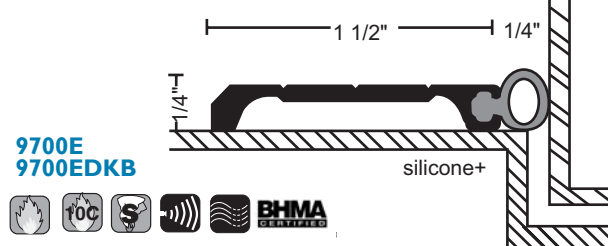
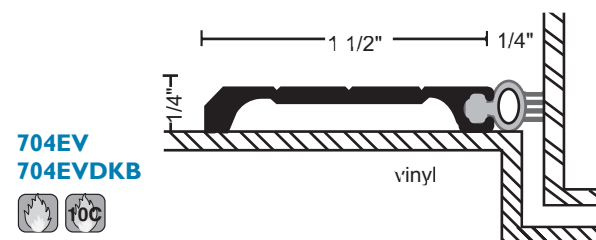
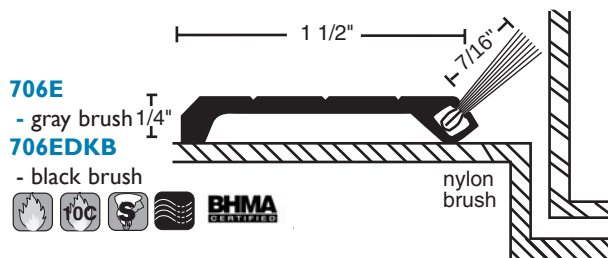
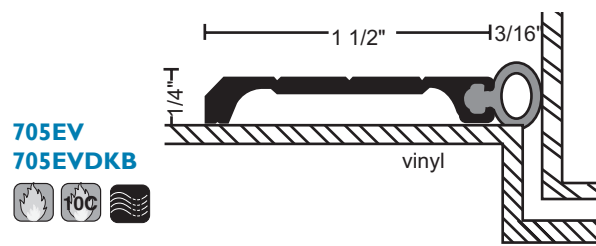
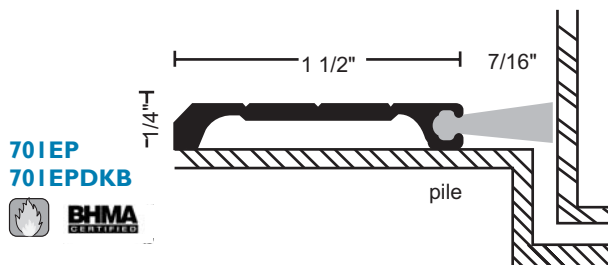
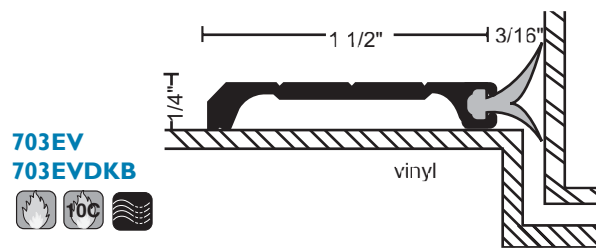
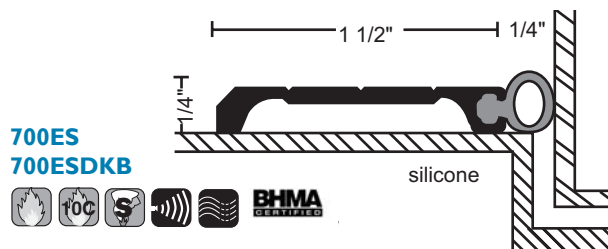
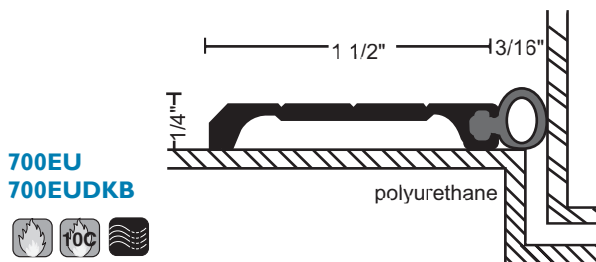
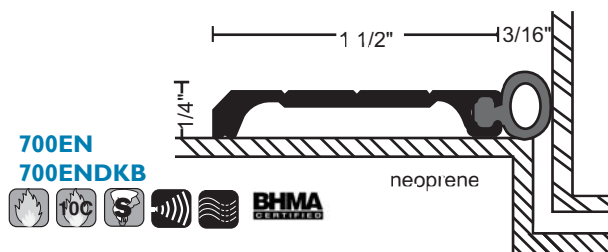
Perimeter Seals for use with Parallel Arm Closers



With 700 Series:

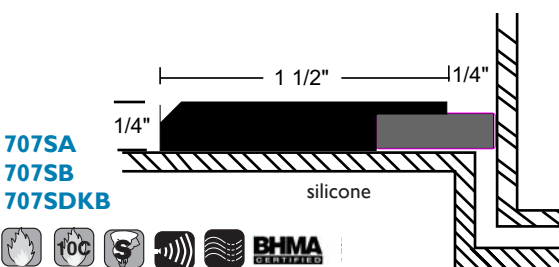
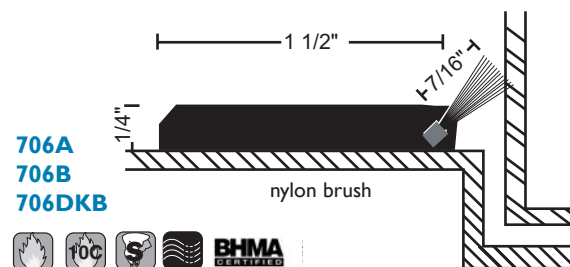
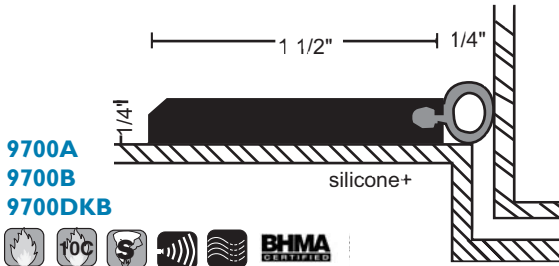
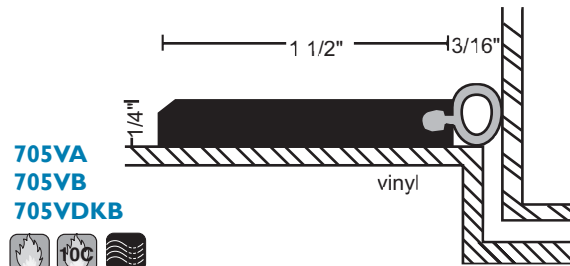
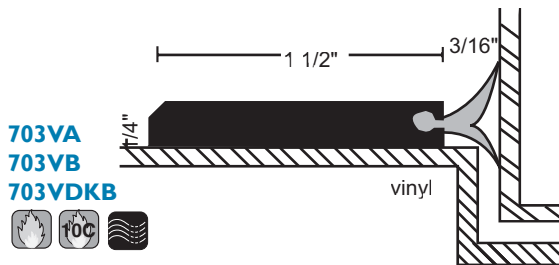
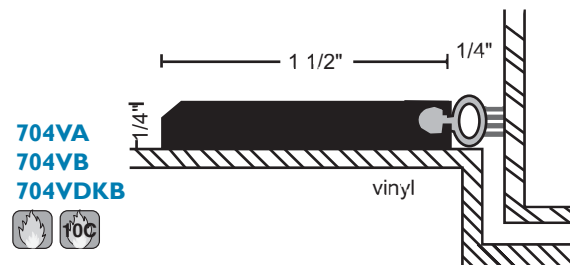
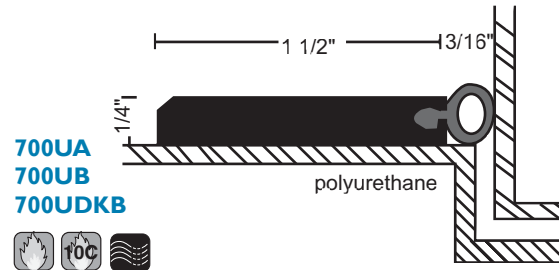
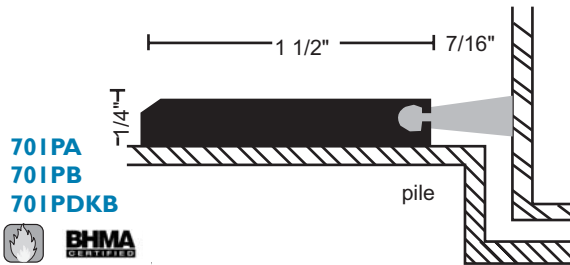
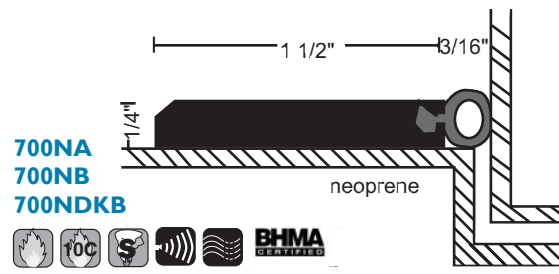
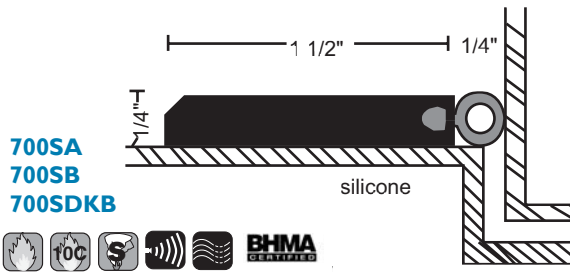
- No break in seal
- Head not drilled
- Side sections are furnished with slotted holes for adjustment
- Comes with self drilling #8 (Tek type) screws.
- Closer and/or overhead holder attach to frame through weatherseal section. Mount Gasket First.
- Jamb application allows mounting of rim exit device strikes without notching gasketing.

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



Perimeter Seals for use with Parallel Arm Closers

Profiles on this page may be cut to fit narrow frame stops for additional charge. Specify "cut to width" on order.

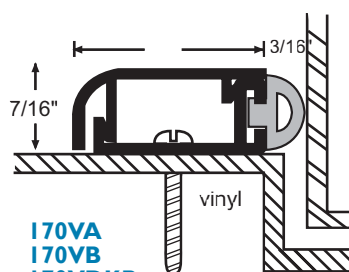


Concealed Fastener Seals

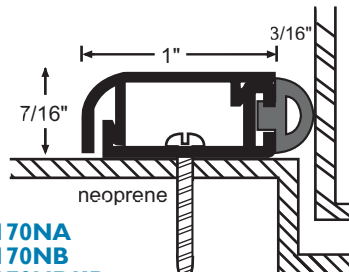
Snap-on cover conceals screw heads for cleaner appearance

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

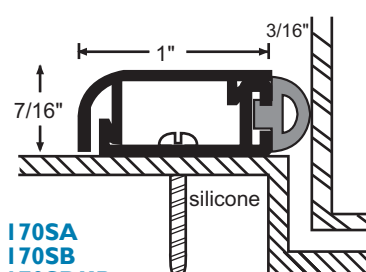
A - clear
B - gold
DKB - dark bronze
vinyl and pile are gray
neoprene, silicone are black
nylon brush is gray with clear anodized metal;
black with gold and DKB metal



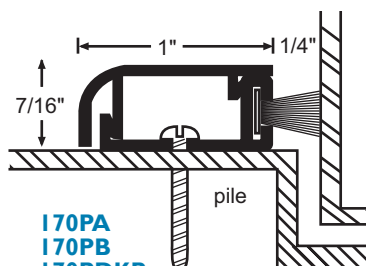
I70VA
I70VB
I70VDKB



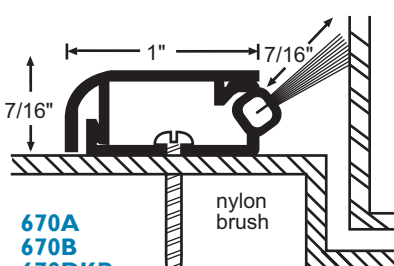
I70NA
I70NB
I70NDKB



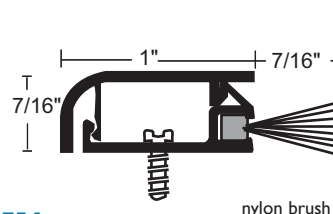
I70SA
I70SB
I70SDKB



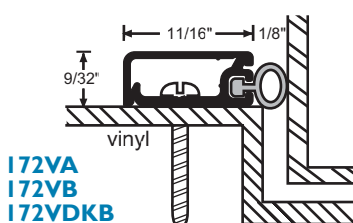
I70PA
I70PB
I70PDKB



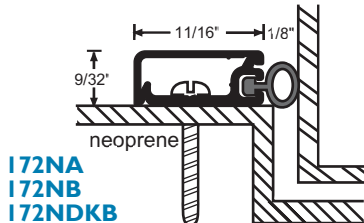
670A
670B
670DKB



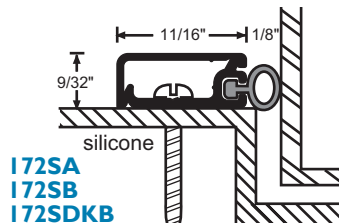
675A
675B
675DKB



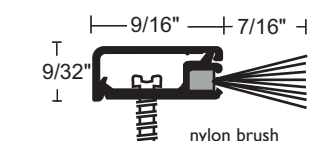
I72VA
I72VB
I72VDKB



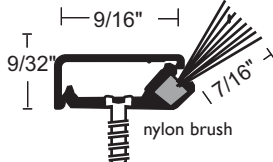
I72NA
I72NB
I72NDKB



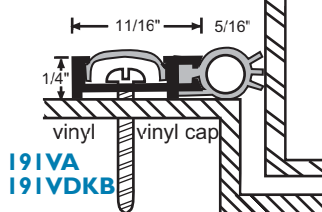
I72SA
I72SB
I72SDKB



672A
672B
672DKB



676A
676B
676DKB



I91VA
I91VDKB



Allseal® Gasketing

Specially formulated to withstand greater temperature extremes while providing maximum protection against air infiltration. Color of Allseal gasket material is Tan.

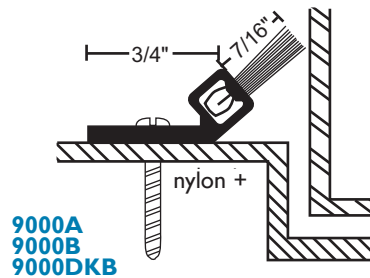
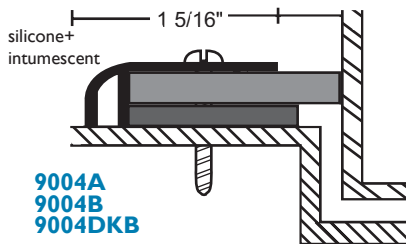
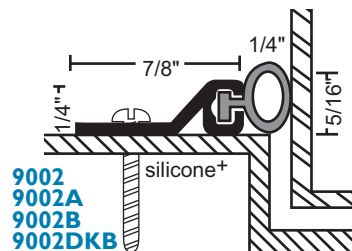
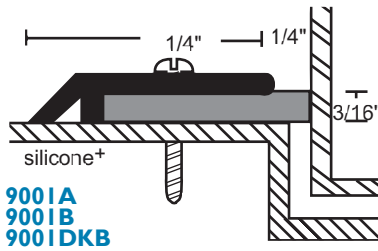
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes slotted for adjustment

All products
this page

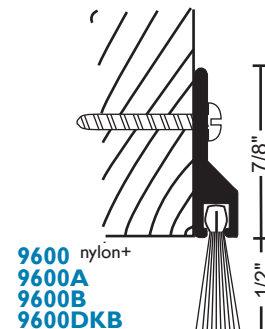
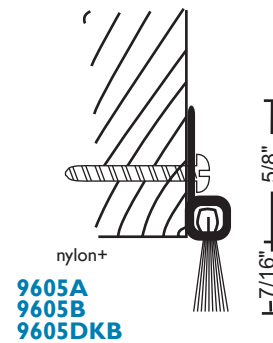


A - clear
B - gold
DKB - dark bronze
no suffix - mill

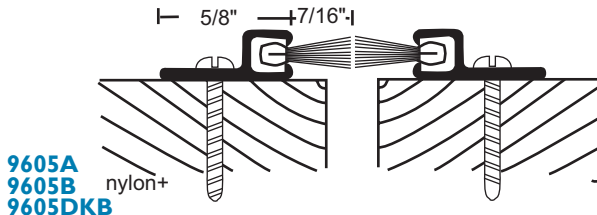
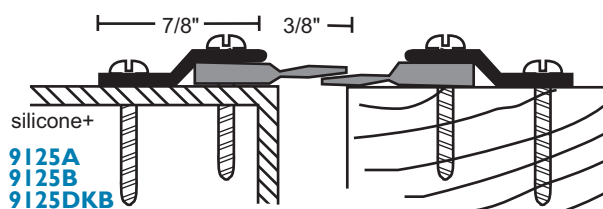
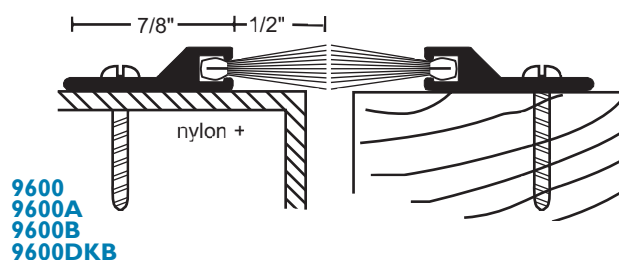
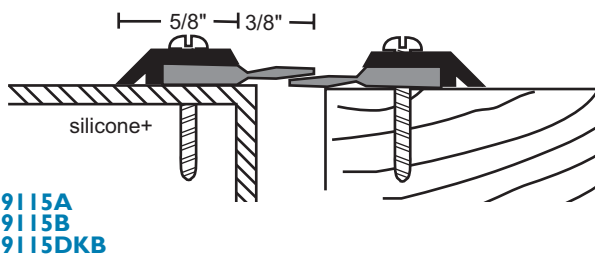
Perimeter Seals



Perimeter Seals or Sweeps

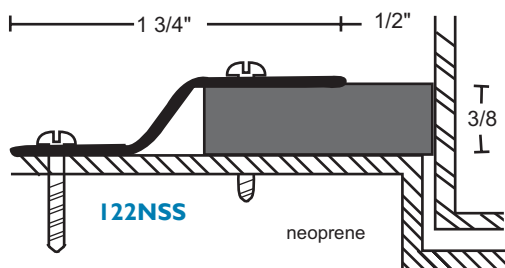
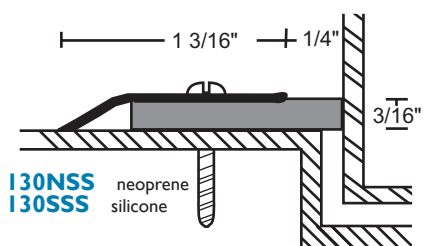
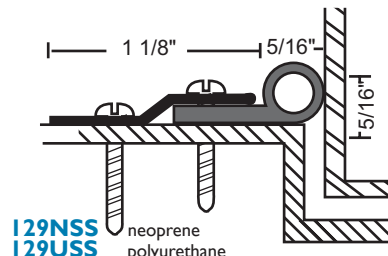
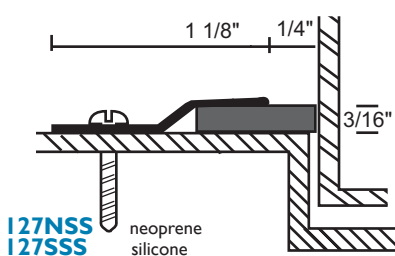
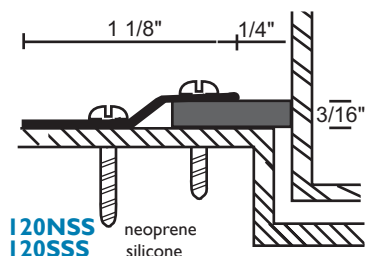
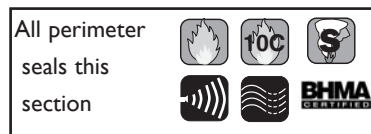


Astragal Seals



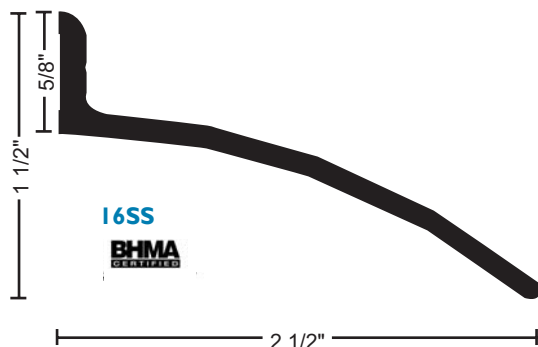
Stainless Steel

Perimeter Seals

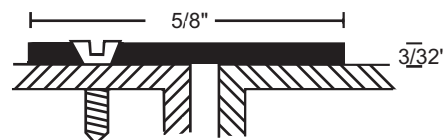
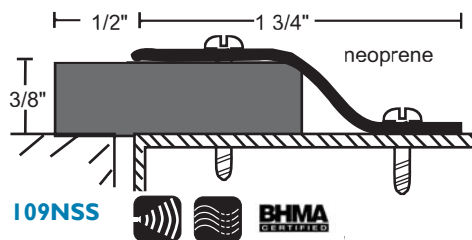


#6 X 3/4 stainless steel SMS furnished.
Screw holes slotted for adjustment.

Drip Strip



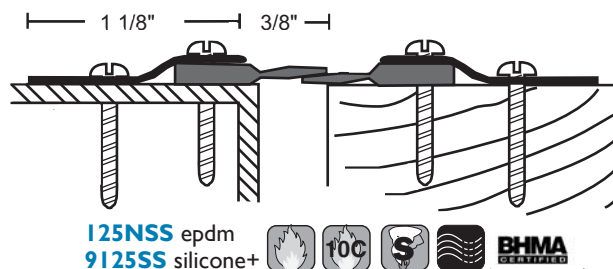
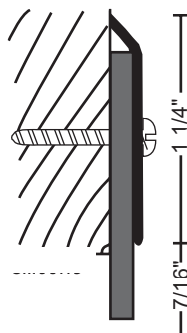
Astragal Seals



Available lead lined - suffix "LD"
#10 x 3/4" SMS furnished



Door Sweep



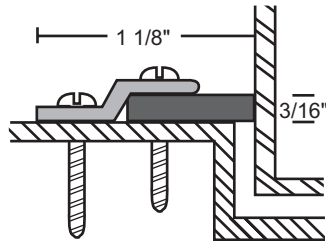
#304 stainless steel mill finish #2B standard.

Available: Polished, (US32, 629) suffix - "POL" or Brushed #4 finish, (US32D, 630) suffix - "Brushed"
neoprene and polyurethane are black, silicone is gray, silicone+ is tan

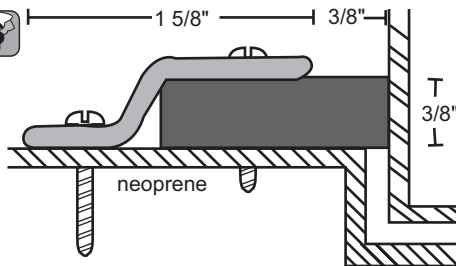
Architectural Bronze

Perimeter Seals

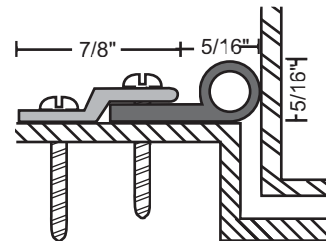
I20NBR neoprene
I20SBR silicone



I22NBR



I29NBR neoprene

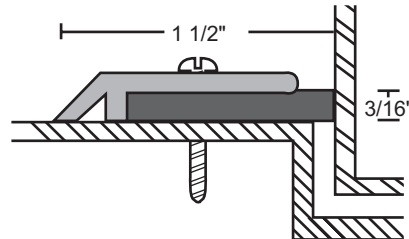


I29UBR polyurethane



I30NBR neoprene

I30SBR silicone



Door Sweep



200NBR

neoprene



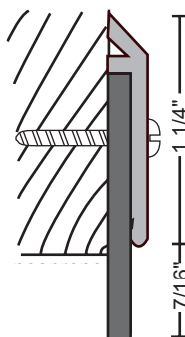
200SBR

silicone

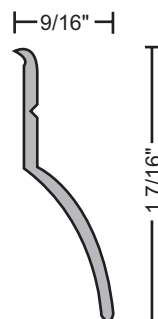


200UBR

polyurethane

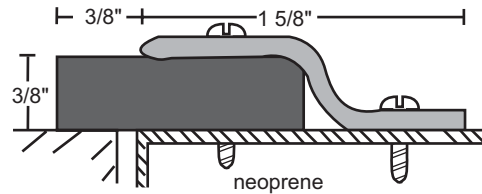


Drip Strip

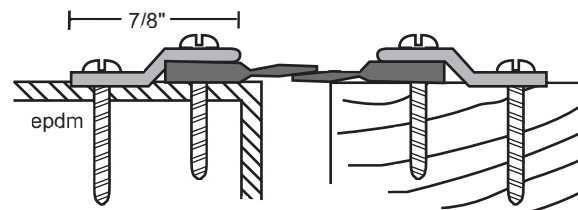


I7BR BHMA CERTIFIED

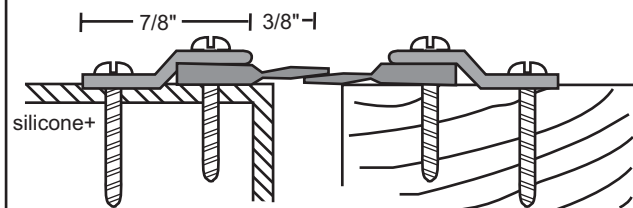
Astragal Seals



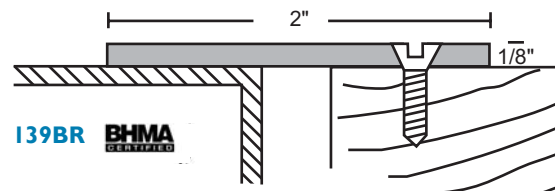
I09NBR



I25NBR



9I25BR



I39BR BHMA CERTIFIED

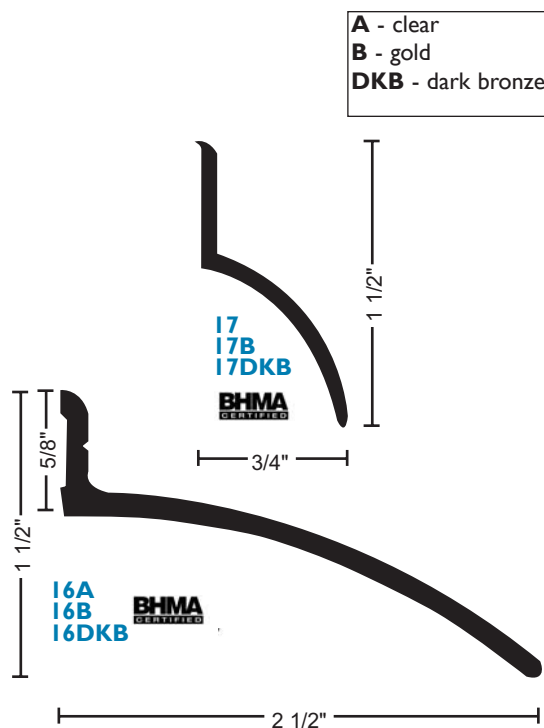
Available lead lined - suffix "LD"

neoprene & polyurethane are black
silicone & EPDM are gray
silicone+ is tan

Extruded architectural bronze satin finish (720), similar to US4. Optional finishes: Polished (721), suffix "POL"
Dark Oxidized (722) similar to US10B, suffix DKB

Drip Strips

#6 x 3/4" SMS furnished

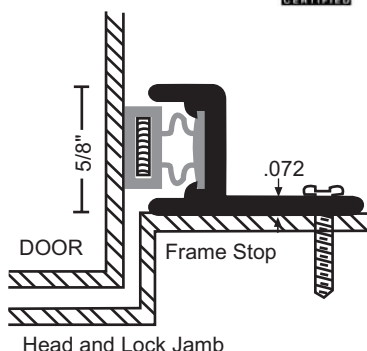


Magnetic Seals

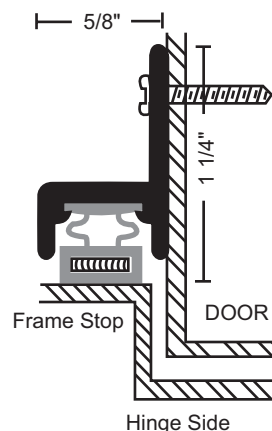
I59MA
I59MB
I59MDKB



magnet encased in gray vinyl



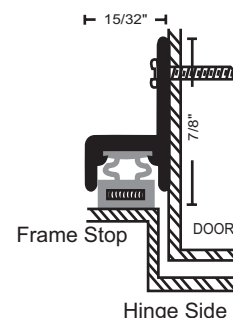
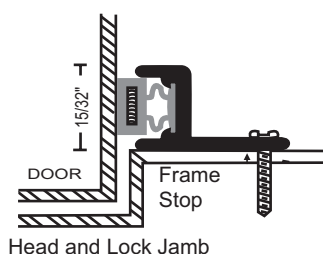
#6 x 3/4" Stainless steel SMS furnished.
Screw holes slotted for adjustment.
Maximum length 144"



I57MA
I57MDKB



magnet encased in brown vinyl



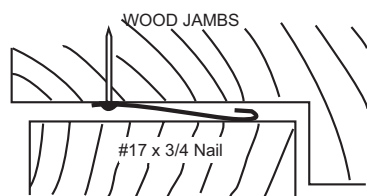
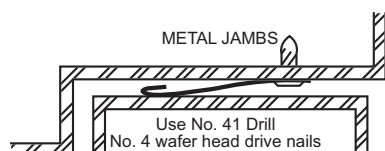
Spring Bronze Weatherstrip

Spring Bronze .009"

Plain spring Bronze - 100' rolls
Fasteners not included unless specified.

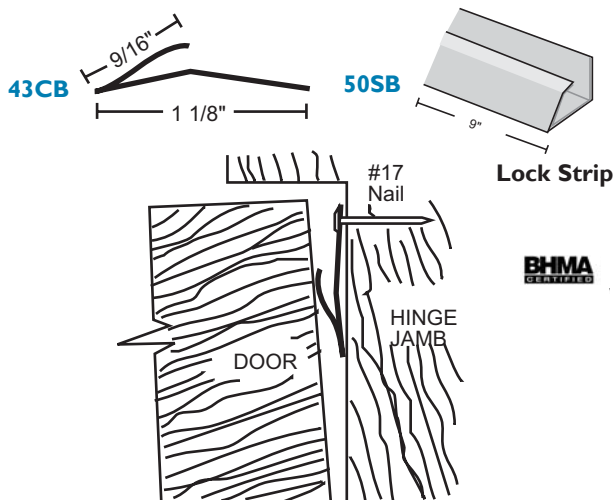


Cat. No.	Width
43SB	1 1/8"
44SB	1 1/4"
45SB	1 3/8"

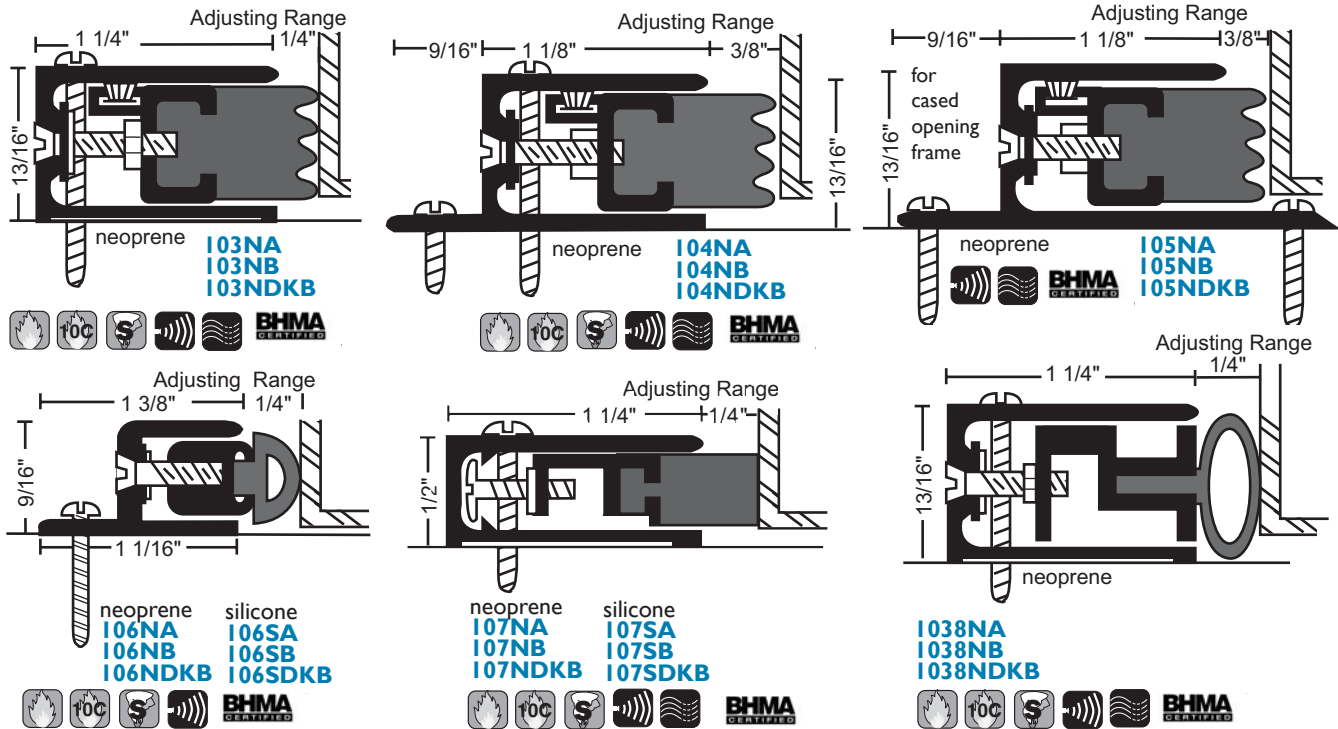


Cushion Bronze Weatherstrip

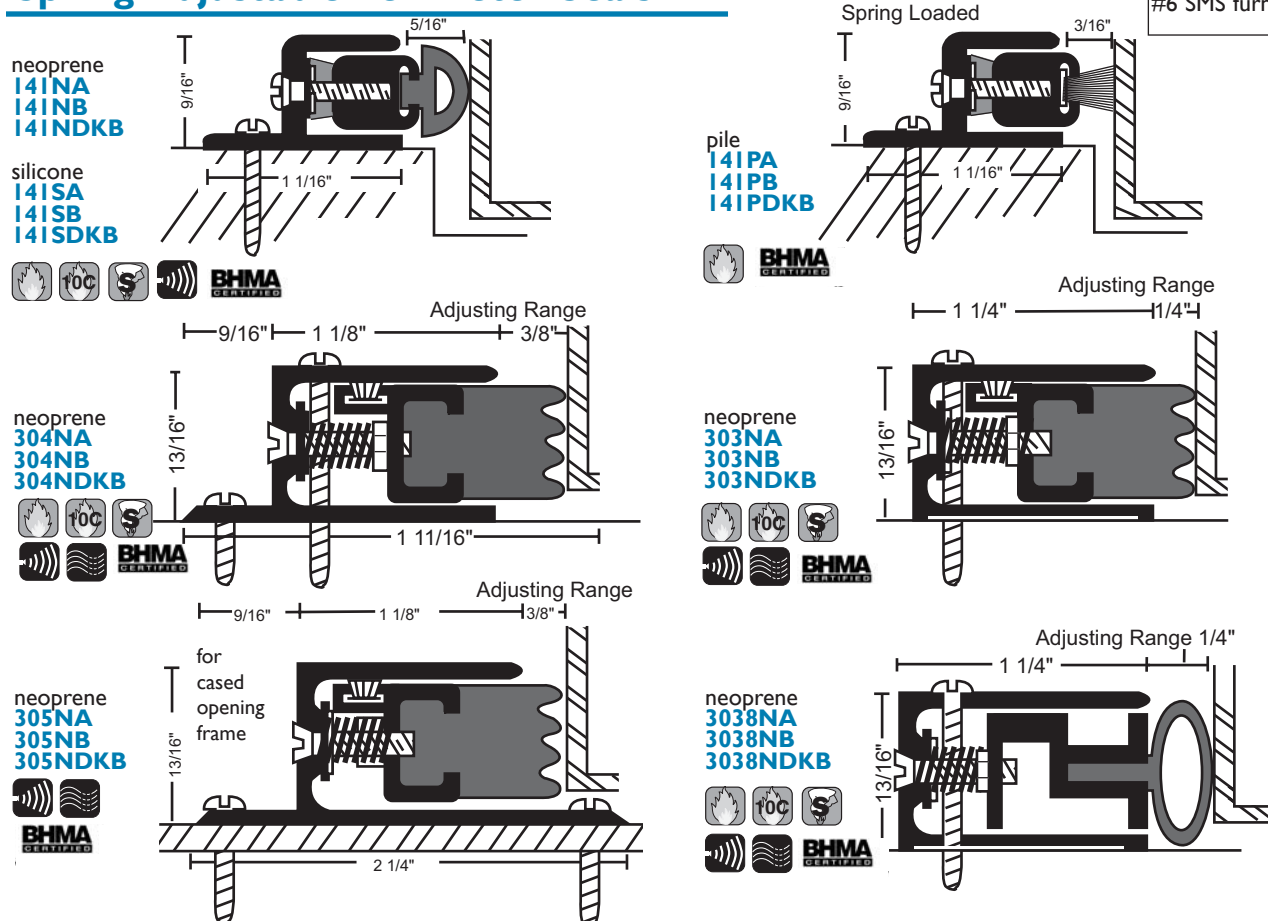
Cushion material will not coil. Specify lengths required (36", 48", 72", 86", and 96"). All other lengths on special order. Nails not included. Normal installation requires 3/4 lb. of nails per 100 ft. of weatherstrip. Bronze .006 nails available in 1 lb. bags. Wafer head pilot point drive nails make excellent applications for metal jambs, normal installation requires 6 per foot. Install using #41 drill bit. Available with Fast Attach Tape- Specify x "FATT"



Adjustable Perimeter Seals



Spring Adjustable Perimeter Seals



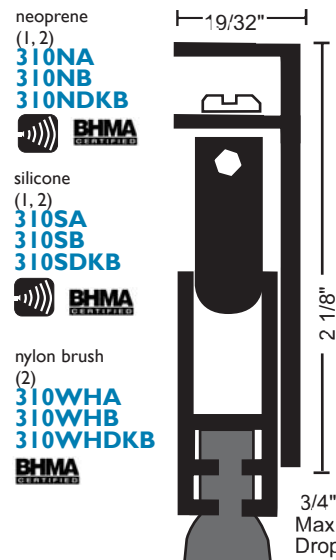
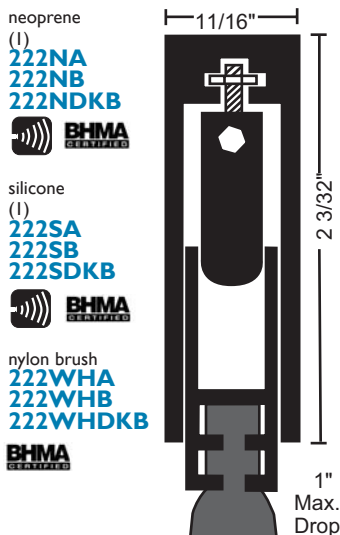
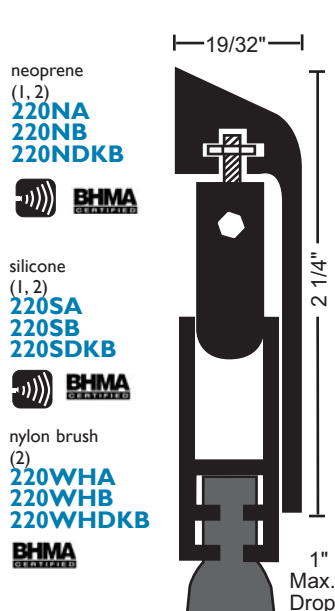
Automatic Door Bottoms - Surface

- Use with a threshold for maximum sealing capability
- Nylon brush recommended for carpet applications where no threshold is provided
- Specify the exact net length of your Automatic Door bottom, whenever possible.
Automatic Door Bottoms 32" and larger may be cut up to 4" in the field, 24" to 32" may be cut 2", under 24" should not be cut in the field
- Minimum length 12", maximum length 60" (except 780)
- End caps available - please specify. For 220, 221, 229, 310 end caps provide door handing

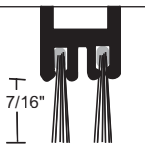
All products
this page



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

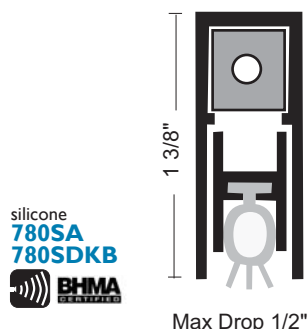


Drop Bar with
Nylon Brush -
Use suffix "WH"



Slimline

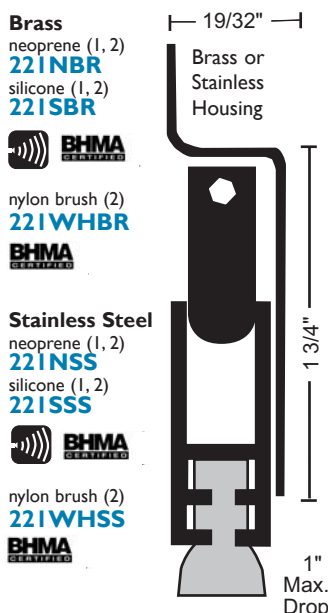
Endurance Tested to 5 Million Cycles



Available 24" to 96" in length
End caps furnished standard.
Will work half mortised on swing or sliding
doors!

Available 24" to 96" in length
End caps furnished standard.
Will work half mortised on swing or sliding
doors!

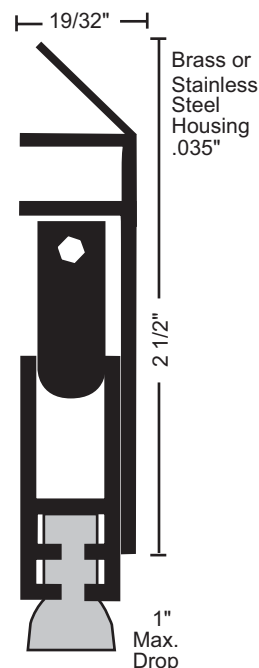
Brass and Stainless Steel



Stainless Steel
neoprene (1, 2)
221NSS
silicone (1, 2)
221SSS
nylon brush (2)
221WHSS
BHMA
CERTIFIED

Brass
neoprene (1, 2)
229NBR
silicone (1, 2)
229SBR
nylon brush (2)
229WHBR
BHMA
CERTIFIED

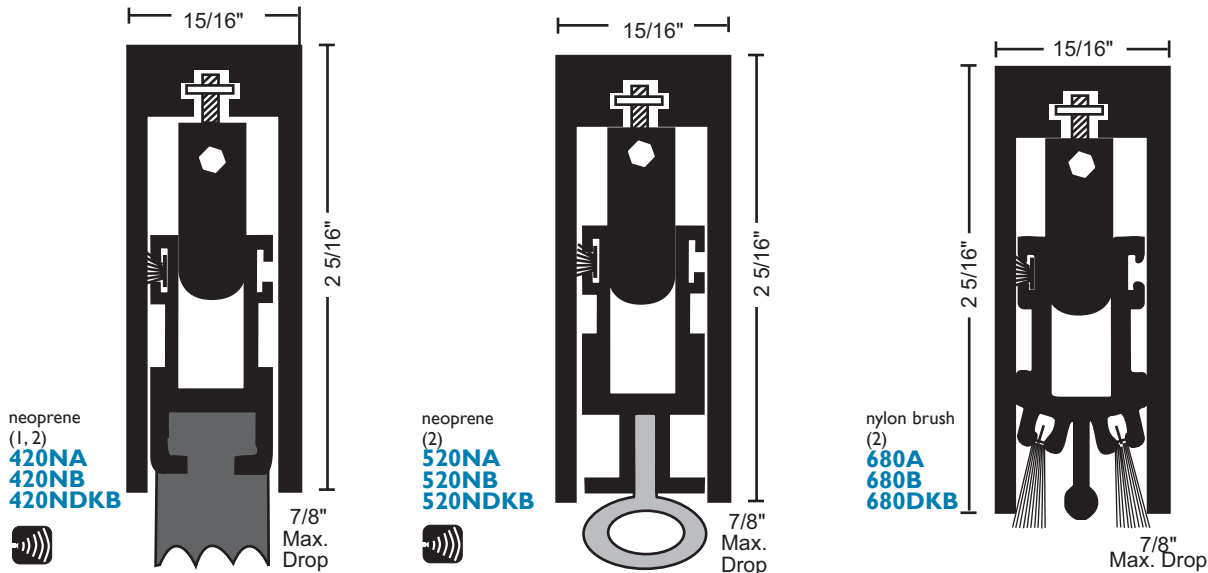
Stainless Steel
neoprene (1, 2)
229NSS
silicone (1, 2)
229SSS
nylon brush (2)
229WHSS
BHMA
CERTIFIED



1. Lead insert available for radiation shield on special order.
2. Door Bottom is handed. Right hand supplied as standard unless specified. Field reversible.

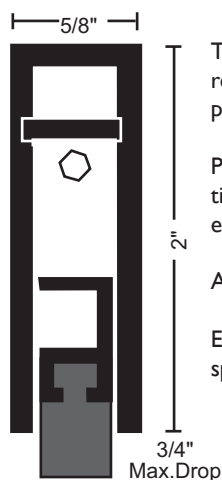
Automatic Door Bottoms - Heavy Duty Surface

- Use with a threshold for maximum sealing capability.
- Nylon brush recommended for carpet applications where no threshold is provided.
- Specify the exact net length of your Automatic Door bottom, whenever possible.
Automatic Door Bottoms 32" and larger may be cut up to 4" in the field, 24" to 32" may be cut 2", under 24" should not be cut in the field
- Minimum length 12", maximum length 60"
- End caps furnished standard



E-Z Touch

SURFACE

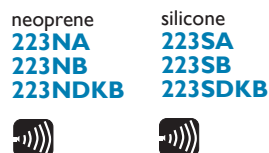


The EZ-Touch door bottom requires only 3 to 5 pounds of pressure to activate.

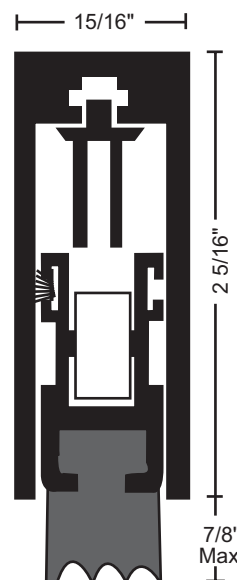
Perfect for accessibility applications and still provides an effective seal.

Available 24" to 48" in length.

End caps available - please specify



Sliding or Pocket Doors Surface or Half Mortise -Heavy Duty



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 12" to 144" in length.

End caps not available

neoprene (1)
421NA
421NB
421NDKB



1. Lead insert available for radiation shield on special order.

2. For half mortise applications specify HM in item number prior to finish (ie: 420NHMDKB).

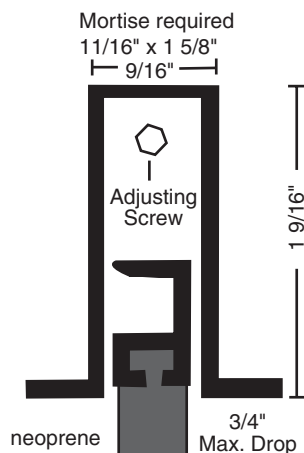
Automatic Door Bottoms - Mortise

- Use with a threshold for maximum sealing capability
- Nylon brush recommended for carpet applications where no threshold is provided
- Specify the exact net length of your Automatic Door bottom, whenever possible. Automatic Door Bottoms 32" and larger may be cut up to 4" in the field, 24" to 32" may be cut 2", under 24" should not be cut in the field
- End caps available - please specify

All products
this page



neoprene is black
silicone, nylon brush &
vinyl are gray



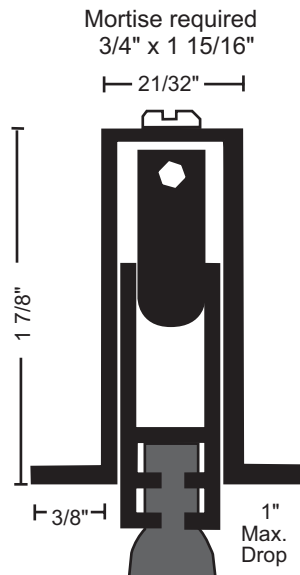
335N neoprene



335S silicone



Available 24" to 48" in length
Fits wood fire door mortise restrictions



225N neoprene



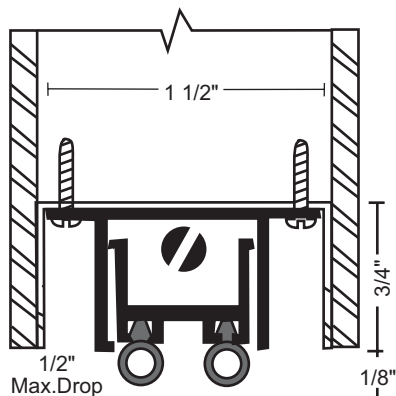
225S silicone



225WH nylon brush

Available 12" to 60" in length
Available with lead insert for radiation shield - specify

Hollow Metal Doors



320N neoprene



320S silicone



320V vinyl

Fits in 1 5/8" x 3/4" channel. May be field cut (up to 4") in length. A "furring strip" may be used to lower this 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")

Fire ratings apply to metal doors only.

#4 x 5/8" SMS furnished

Available 24" to 48" in length.

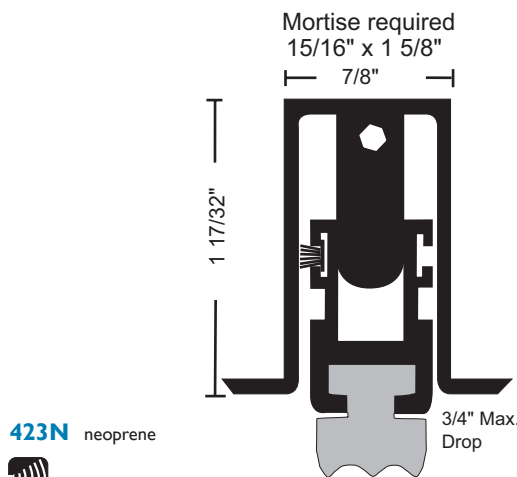
Automatic Door Bottoms - Heavy Duty Mortise

- Use with a threshold for maximum sealing capability
- Nylon brush recommended for carpet applications where no threshold is provided
- Specify the exact net length of your Automatic Door bottom, whenever possible.
Automatic Door Bottoms 32" and larger may be cut up to 4" in the field, 24" to 32" may be cut 2", under 24" should not be cut in the field
- Clear anodized end caps furnished standard. DKB end caps available - please specify

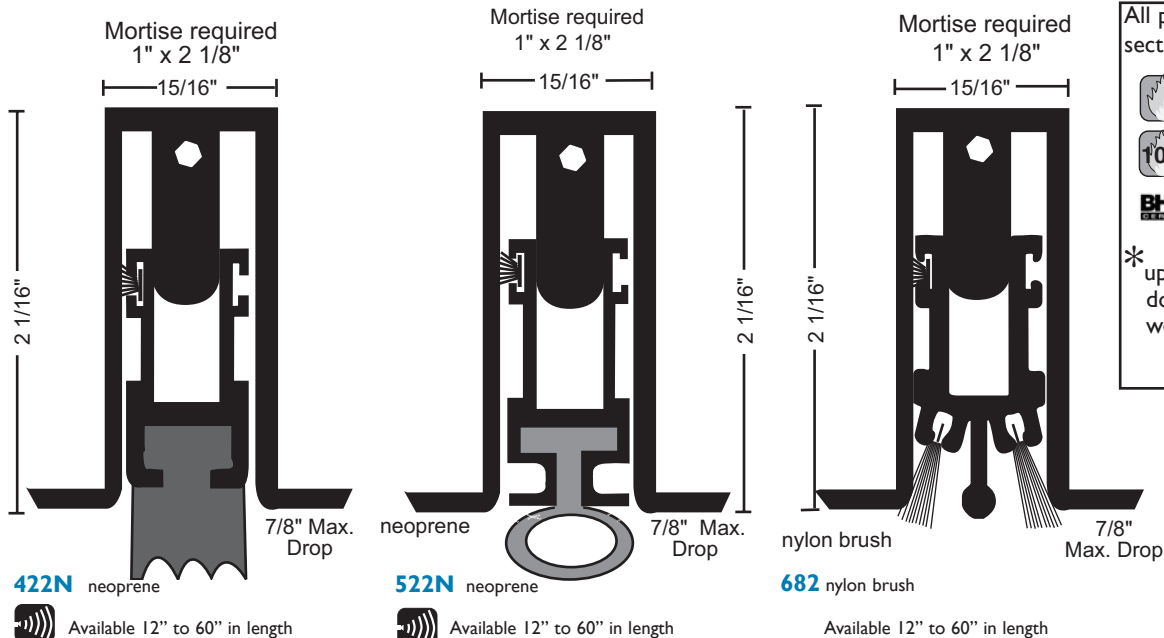
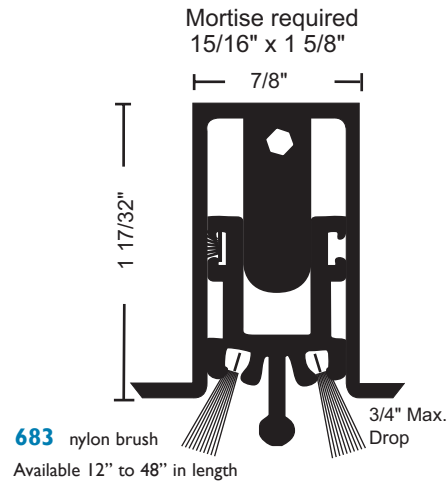


neoprene is black
nylon brush is gray
#4 x 5/8" SWS furnished

Fits Wood Fire Door Mortise Restrictions



Available 12" to 48" in length
Available with lead insert for radiation shield - Specify "lead lining"



All products this section

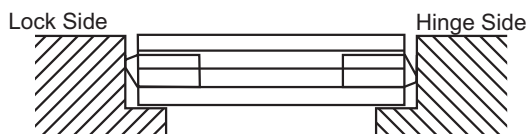


* up to 3 hrs. metal doors, 45 minute wood doors

Dual Actuated (Hinge & Latch Edge) Automatic Door Bottoms

CAN NOT BE USED ON PAIRS OF DOORS - For pairs use matching single actuated door bottoms shown below

- Low compression & operating force
- Concealed fasteners



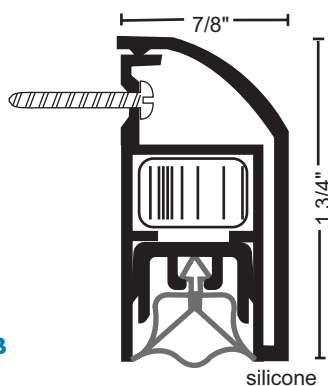
silicone is gray
brush is gray with mill finish and clear anodized; black with gold and DKB metal

A - clear
B - gold
DKB - dark bronze
no suffix - mill

Surface

silicone
4440SA
4440SB
4440SDKB

nylon brush
4440WHA
4440WHB
4440WHDKB



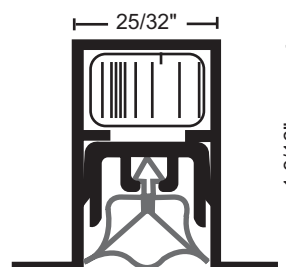
Furnished 1 3/8" shorter than ordered to fit between stops on frame. (i.e. 36" is furnished 34 5/8") #6x 3/4" TEK furnished

Mortise

silicone
4447S

nylon brush
4447WH

mortise required
7/8" x 1 1/4"



PATENTED

1/2" maximum drop

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".

Single Actuated Automatic Door Bottoms

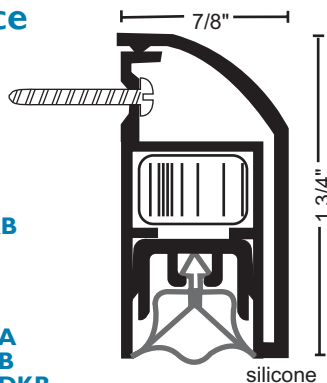
- Matches design of dual actuated door bottoms. For use on pairs of doors or field size for single doors
- Low compression & operating force!
- Concealed fasteners

Surface

silicone
4441SA
4441SB
4441SDKB

nylon brush
4441WHA
4441WHB
4441WHDKB

#6x 3/4" TEK furnished



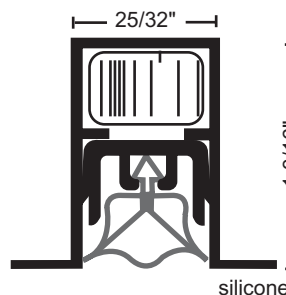
1/2" maximum drop

Mortise

4448S silicone

4448WH nylon brush

mortise required
7/8" x 1 1/4"

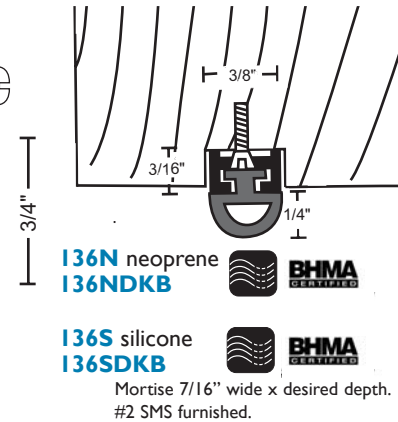
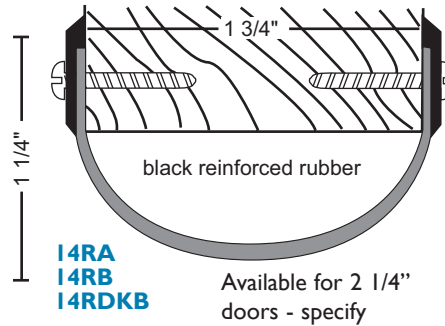
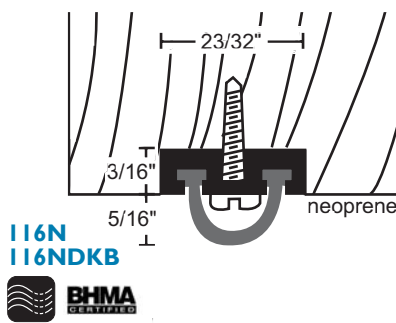


Furnished 1/4" shorter than ordered to fit net door size. (i.e. 36" is furnished 35 3/4" net) #4 x 5/8" SMS furnished

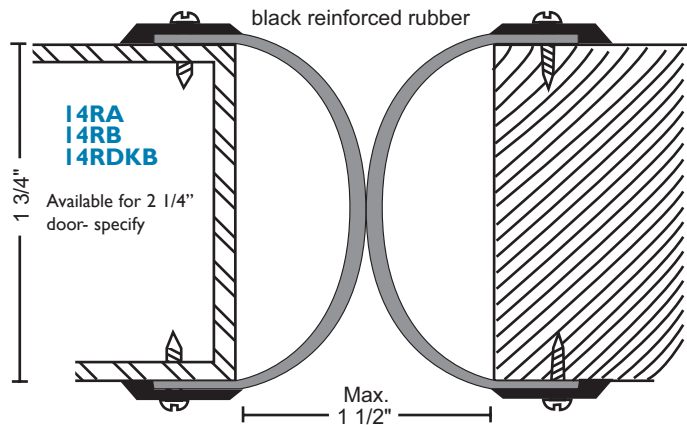
HANDED - NOT FIELD REVERSIBLE

Available 24" to 96" in length. May be field cut up to 4".

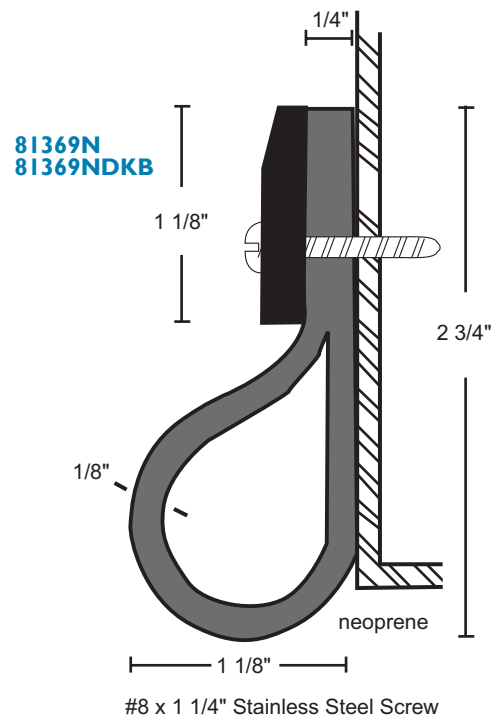
Door Bottom Seals



Specialty Astragals

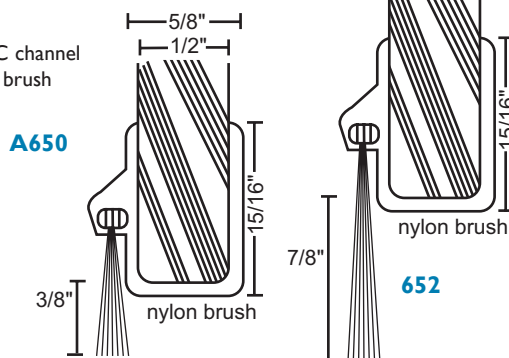


Overhead Door Bottom Seal



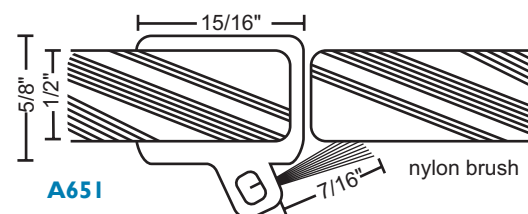
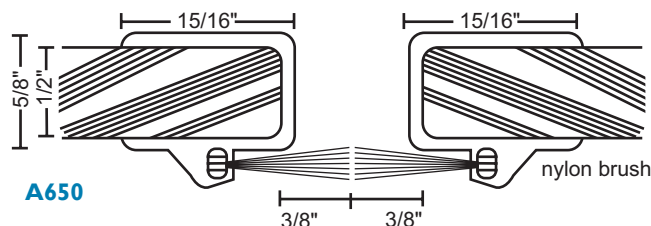
Glass Door Sweeps

Translucent PVC channel with gray nylon brush



Glass Door Astragal Seals

Our glass door seal consists of translucent PVC channel and gray nylon brush for an attractive solution to a difficult problem.



Order as set to receive two pieces

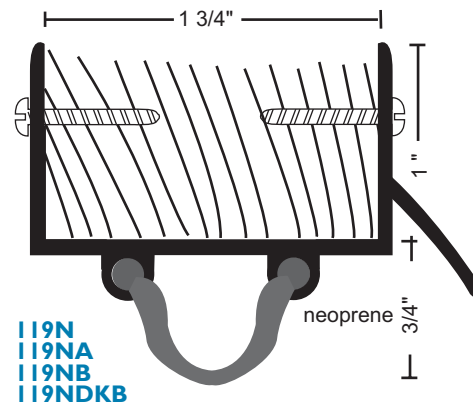
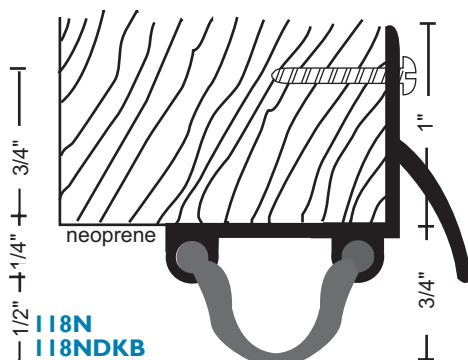
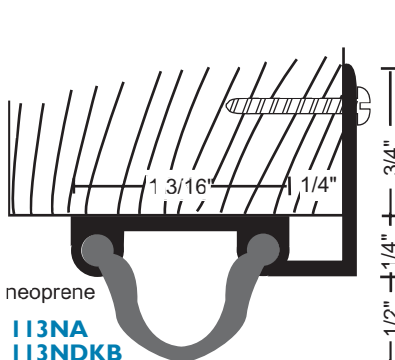
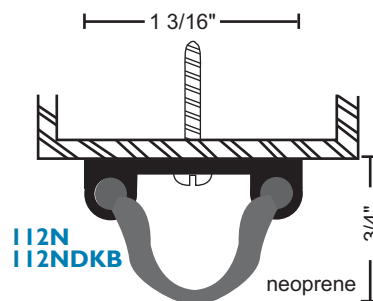
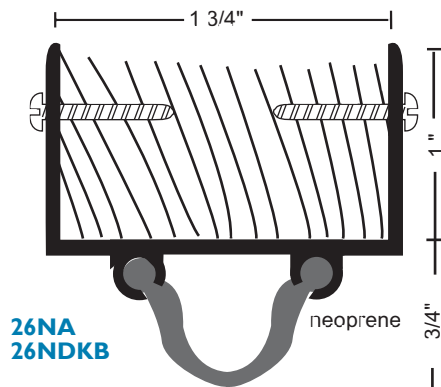
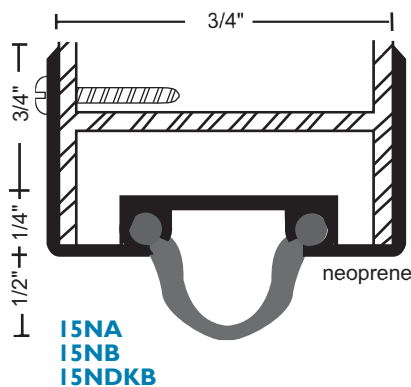
Maximum length 120"

Neoprene Door Shoes

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

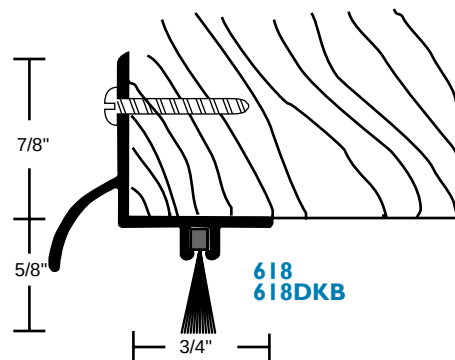
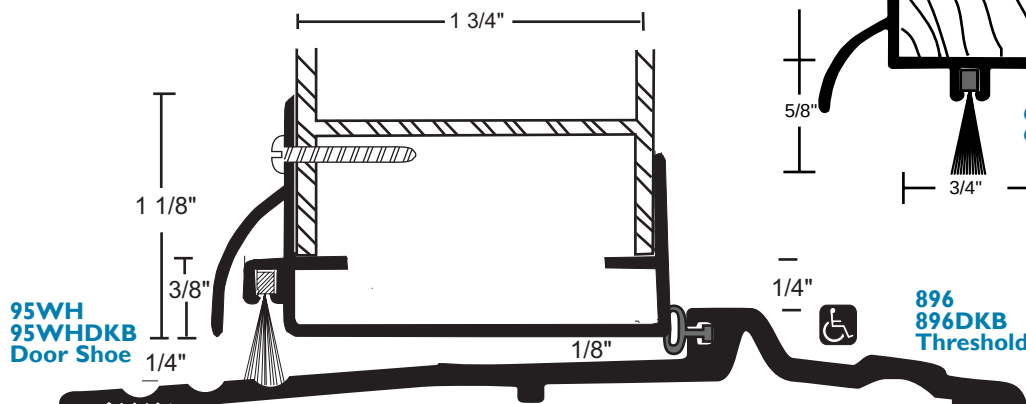
A - clear
B - gold
DKB - dark bronze
no suffix - mill
neoprene is black

All products
this page



Nylon Brush Door Shoes

#6 x 3/4" stainless steel SMS furnished
screw holes slotted for adjustment.



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

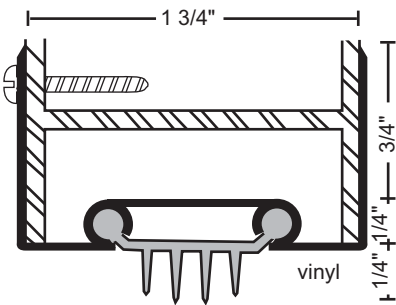
Brush is gray with
mill finish metal;
black with DKB
metal

Finned Vinyl Door Shoes

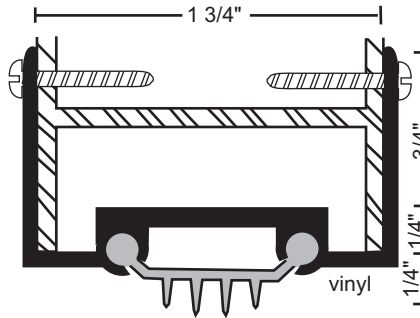
#6 x 3/4" stainless steel SMS furnished.
Screw holes slotted for adjustment.

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

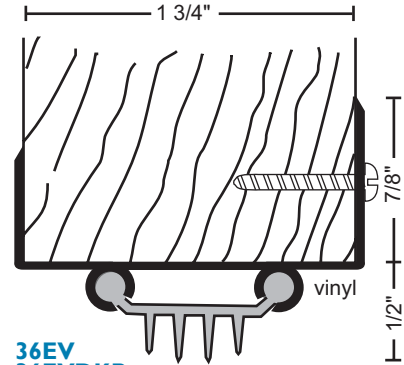
All vinyl door
shoes
this section



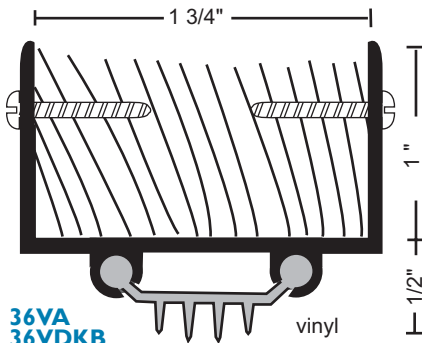
35EV
35EVDKB



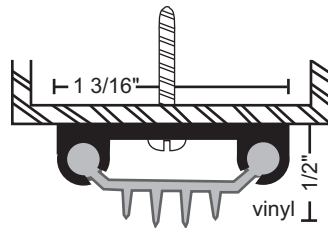
35VA
35VB
35VDKB



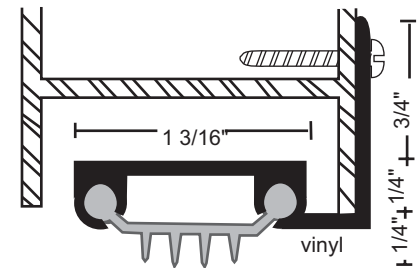
36EV
36EVDKB



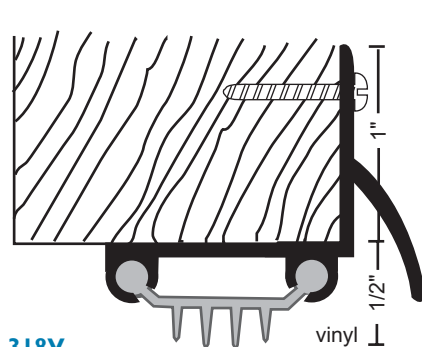
36VA
36VDKB



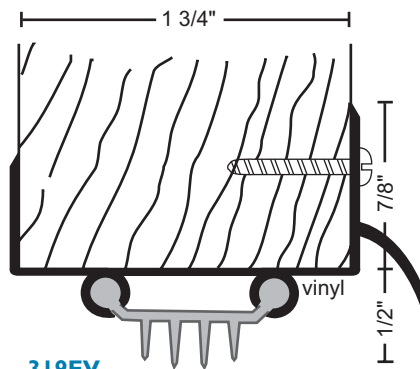
312V
312VDKB



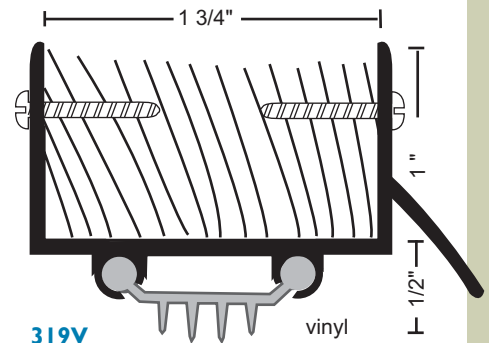
313VA
313VDKB



318V
318VDKB



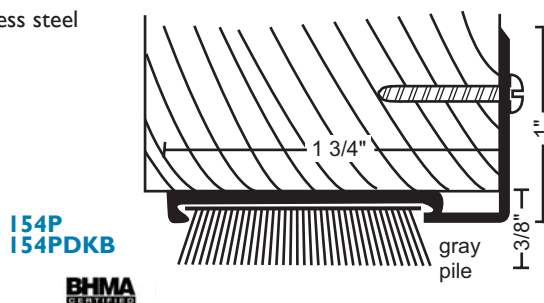
319EV
319EVDKB



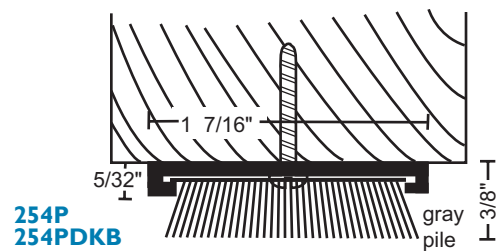
319V
319VA
319VB
319VDKB

Pile Door Shoes

#6 x 3/4" stainless steel
SMS furnished.



154P
154PDKB

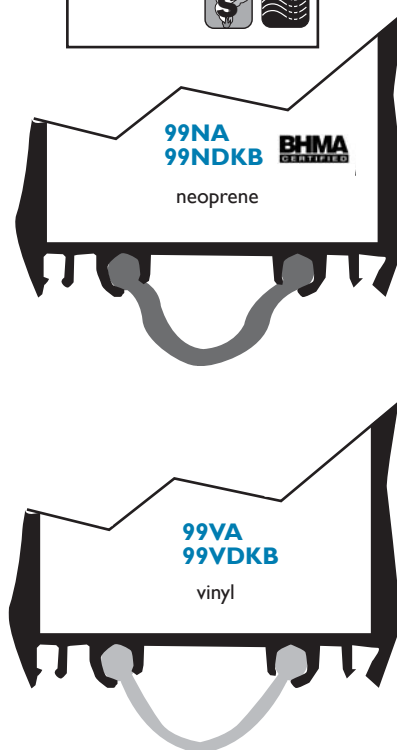
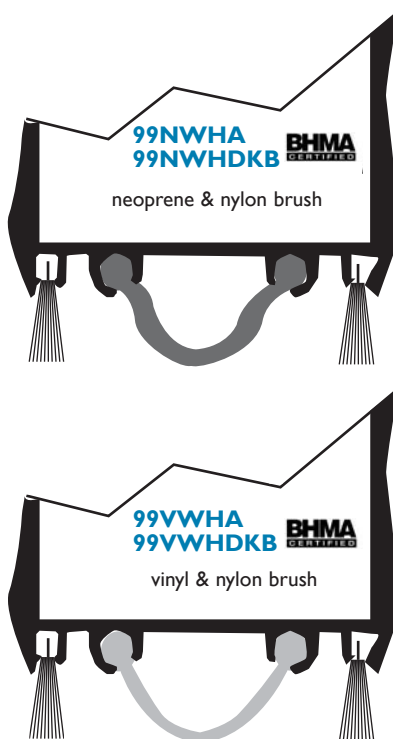


254P
254PDKB



Extended Door Shoes

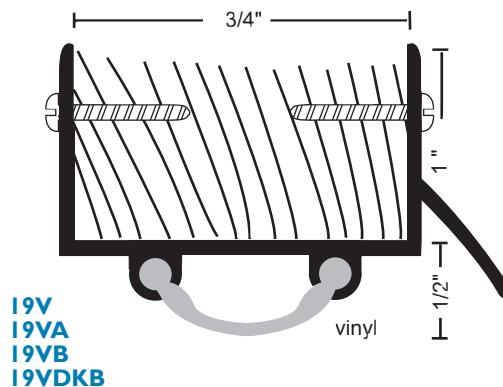
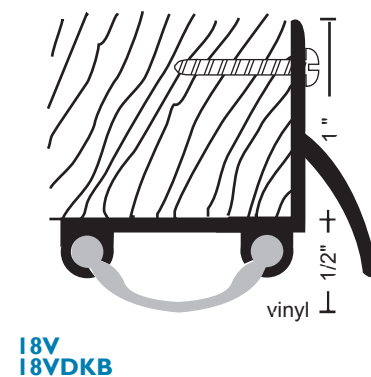
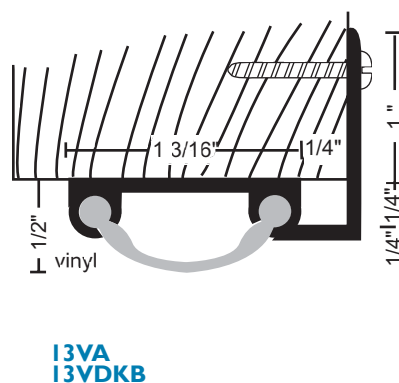
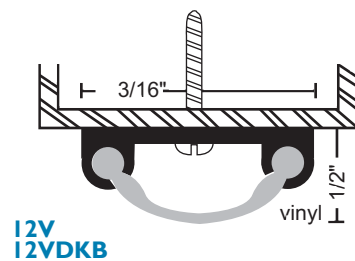
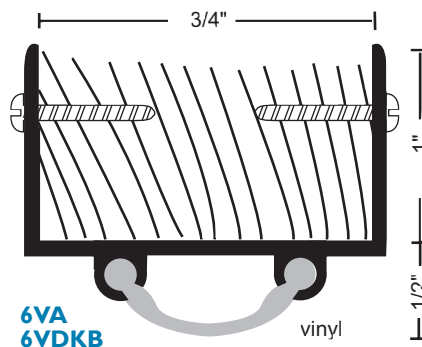
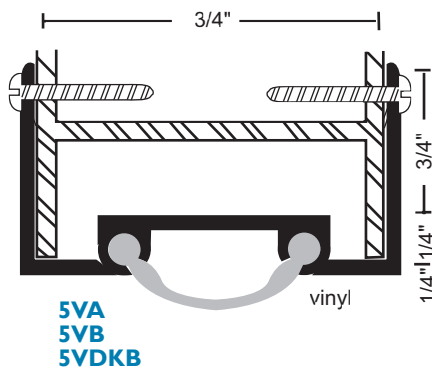
#6 x 3/4" stainless steel SMS furnished.



Smooth Vinyl Door Shoes

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

A - clear
B - gold
DKB - dark bronze
no suffix - mill
vinyl is gray
neoprene is black
Brush is gray with clear
anodized metal; black with
DKB metal



Nylon Brush Sweeps

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

600
600A
600B
600DKB



A605A
A605B
A605DKB



B606A
B606B
B606DKB



All products
this page



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

Nylon Brush Plus

Specially formulated to withstand greater temperature extremes while providing maximum protection against air infiltration. Nylon Brush Plus color is Tan.

9605A
9605B
9605DKB

nylon+



9600
9600A
9600B
9600DKB

nylon+



C607A
C607B
C607DKB



C627A
C627B
C627DKB



601
601A
601B
601DKB



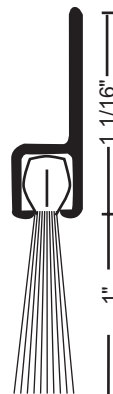
OV634A
OV634B
OV634DKB



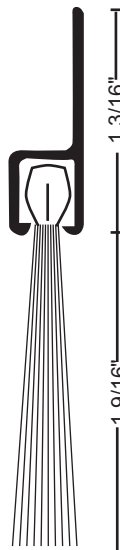
OV633A
OV633B
OV633DKB



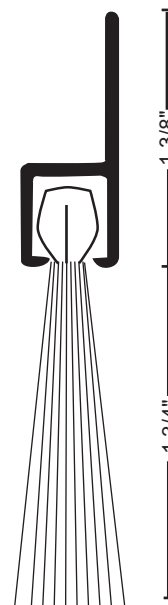
D608A
D608B
D608DKB



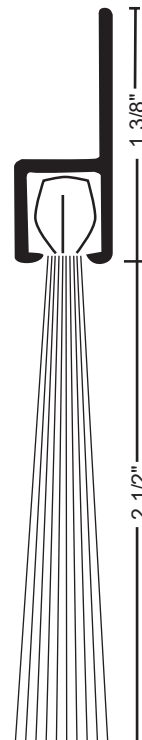
E609A
E609B
E609DKB



G610A
G610B
G610DKB



H612A
H612B
H612DKB

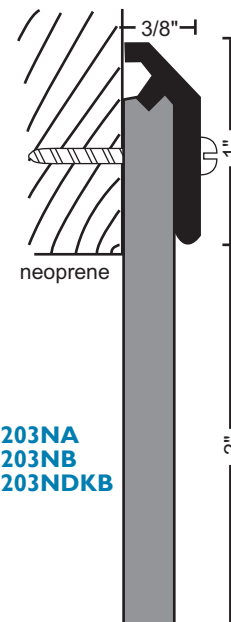
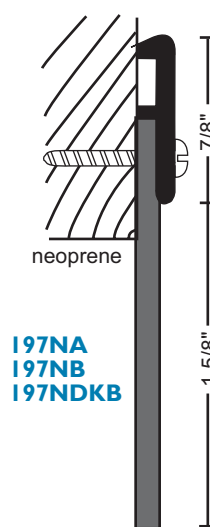
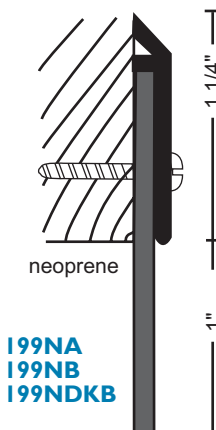
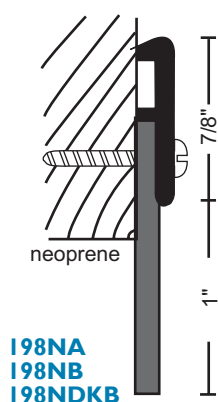
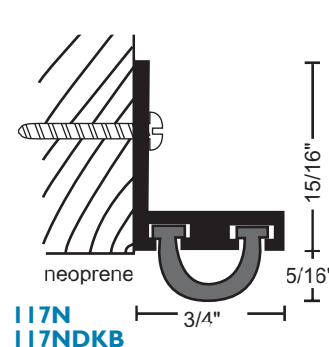
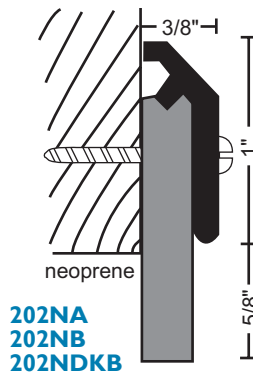
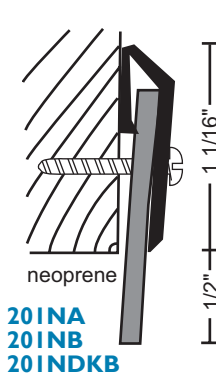
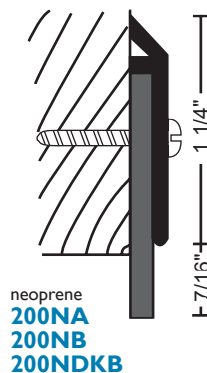


Neoprene Sweeps

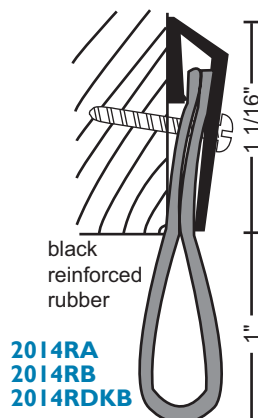
#6 x 3/4" Stainless Steel Sheet Metal Screws furnished.
Screw holes are slotted for adjustment.

neoprene is black

All products this page

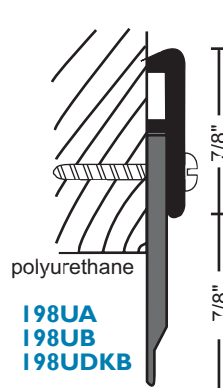
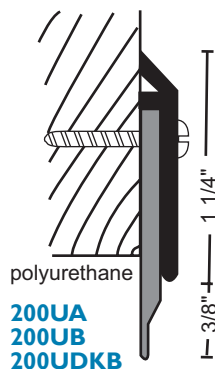


Rubber Sweep



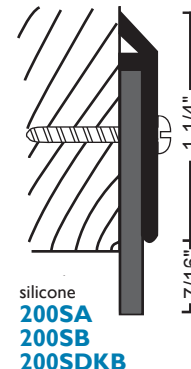
Polyurethane Sweeps

polyurethane is black



Silicone Sweep

silicone is gray



Vinyl Sweeps

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

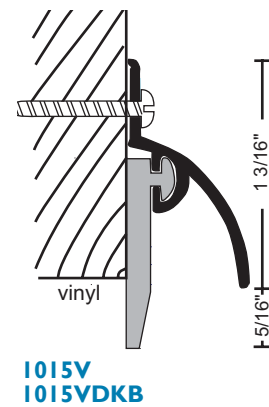
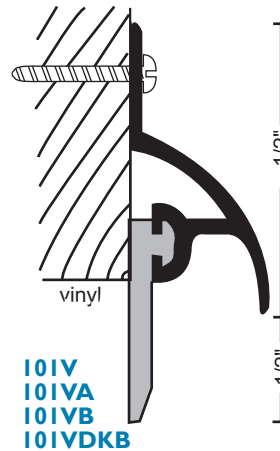
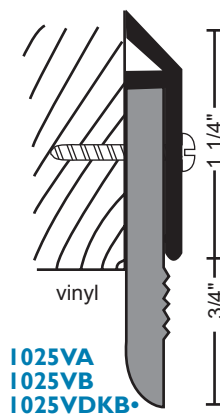
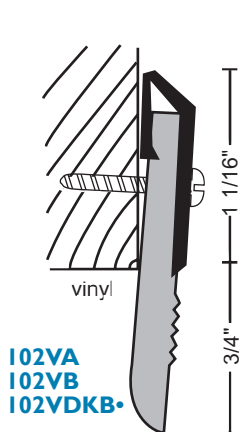
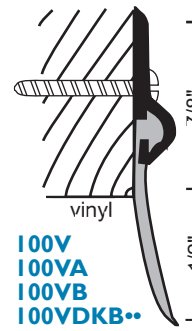
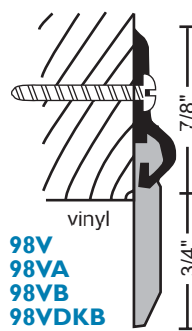
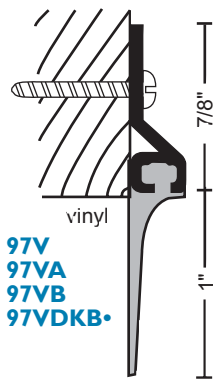
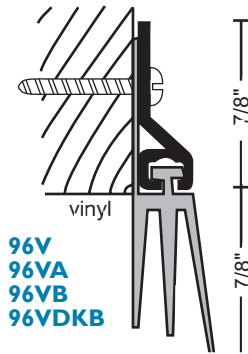
A - clear
B - gold
DKB - dark bronze
no suffix - mill

All
products
this page



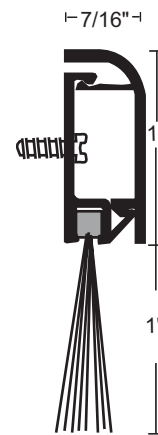
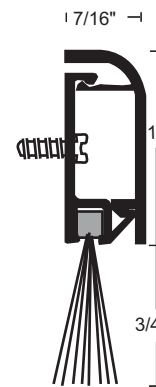
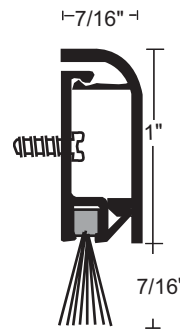
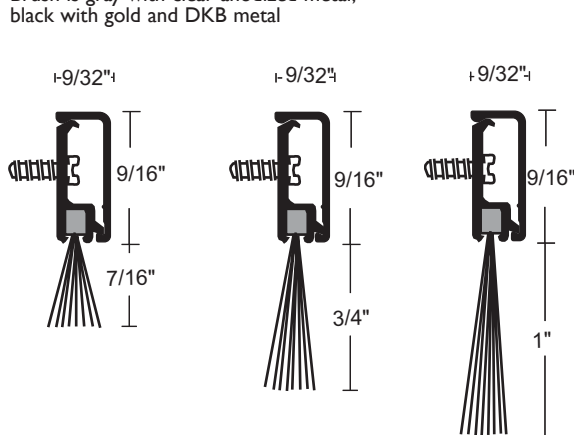
vinyl is gray

Exceptions:
• vinyl is black
• vinyl is brown



Concealed Fastener Nylon Brush Sweeps

Brush is gray with clear anodized metal;
black with gold and DKB metal



Smoke-Rated Astragal Sets

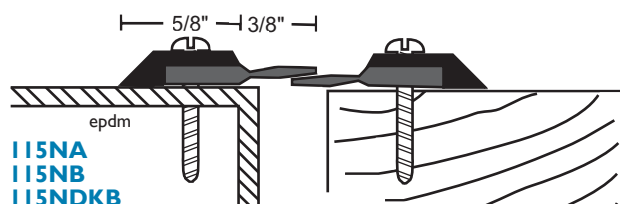
Fire-rated Astragal Seals cannot replace any astragal required on the door by the door manufacturer to maintain its fire label. The gap at the latch between fire labeled doors must not exceed 1/8".

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

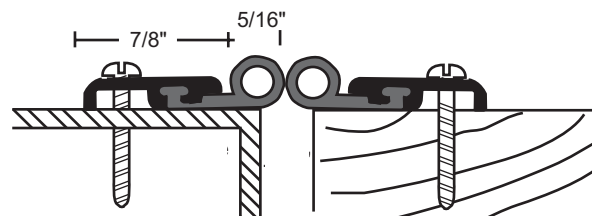
All products this page



A - clear
B - gold
DKB - dark bronze
no suffix - mill
epdm, silicone are gray
neoprene is black
silicone+, nylon+ are tan



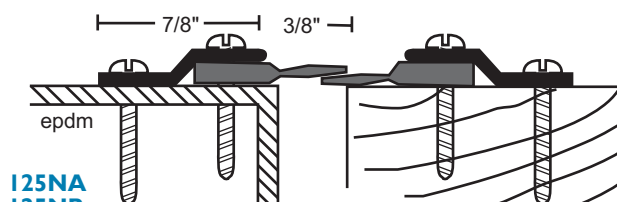
Order as **set** to receive two pieces



neoprene
137NA
137NB
137NDKB

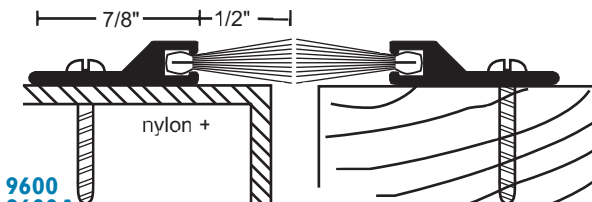
Order as **set** to receive two pieces

silicone
137SA
137SB
137SDKB



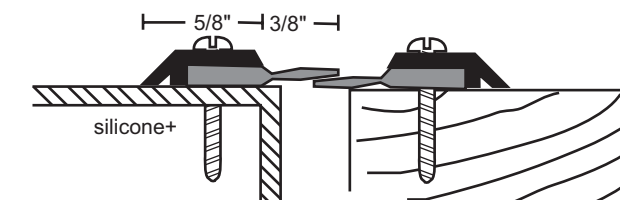
125NA
125NB
125NDKB

Order as **set** to receive two pieces



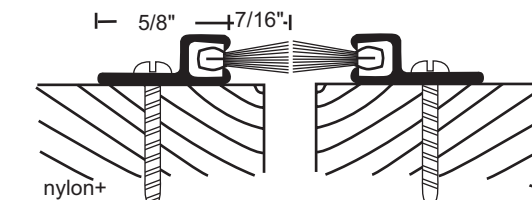
9600
9600A
9600B
9600DKB

Order as **set** to receive two pieces
Nylon brush + color is tan



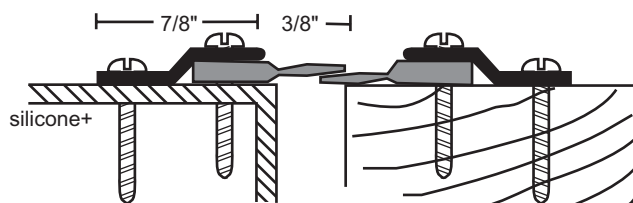
9115A
9115B
9115DKB

Order as **set** to receive two pieces
Silicone + gasket material is tan



9605A
9605B
9605DKB

Order as **set** to receive two pieces
Nylon brush + color is tan



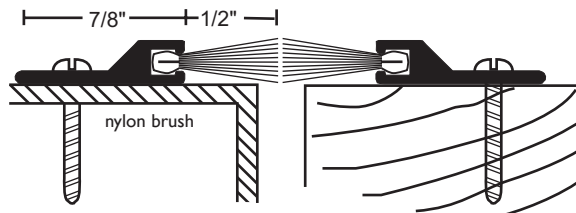
9125A
9125B
9125DKB

Order as **set** to receive two pieces
Silicone + gasket material is tan

Surface Mounted Astragal Sets

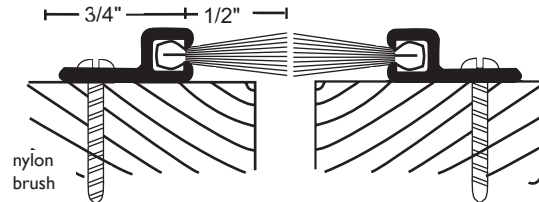
#6 x 3/4" stainless steel SMS furnished.
Screw holes are slotted for adjustment.

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



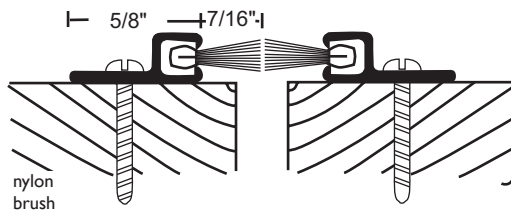
600
600A
600B
600DKB

Order as **set** to receive two pieces



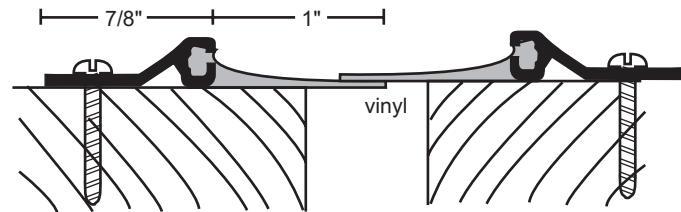
B606A
B606B
B606DKB

Order as **set** to receive two pieces



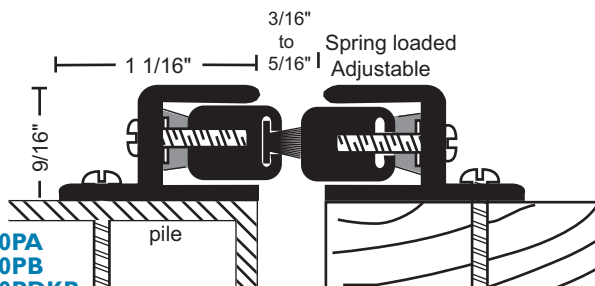
A605A
A605B
A605DKB

Order as **set** to receive two pieces



97V
97VA
97VB
97VDKB*

Order as **set** to receive two pieces

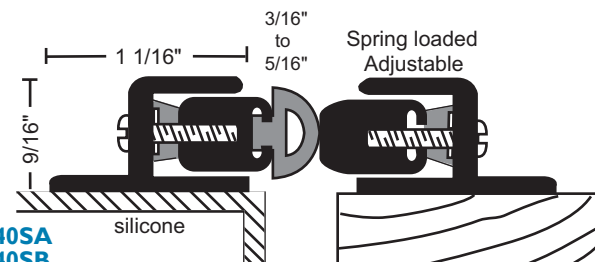


I40PA
I40PB
I40PDKB

Provided as two piece **set**

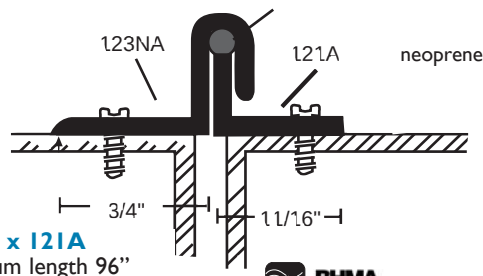


* up to 3 hrs. metal doors, 20 mins. wood doors



I40SA
I40SB
I40SDKB

Provided as two piece **set**



123NA x 121A
Maximum length 96"



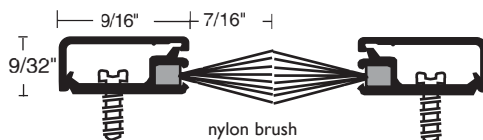
Concealed Fastener Astragal Sets

Snap on cover conceals screw heads for cleaner appearance

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

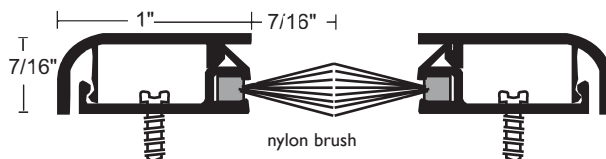
A - clear with gray brush
B - gold with black brush
DKB - dark bronze with black brush

672A
672B
672DKB



Order as **set** to receive two pieces

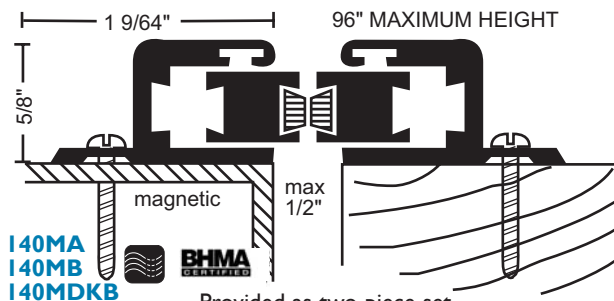
675A
675B
675DKB



Order as **set** to receive two pieces

Magnetic Astragal Sets

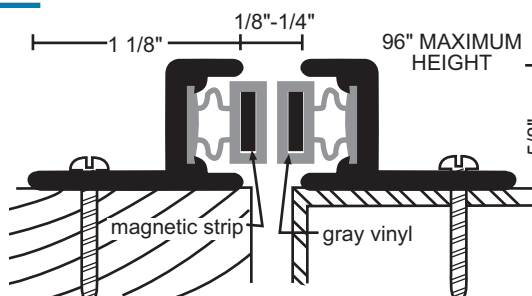
#6 x 3/4" stainless steel SMS furnished. Screw holes are slotted for adjustment (except I40M).



I40MA
I40MB
I40MDKB

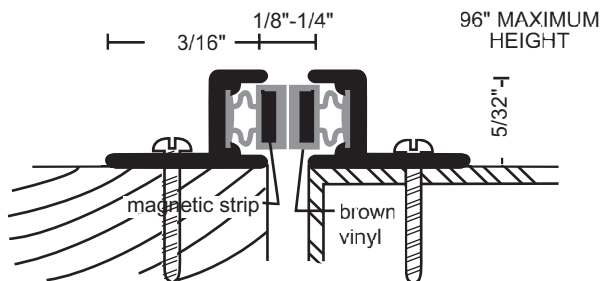
Provided as two piece set

•Engineered for use on 80" to 96" Doors **only**.



I49MA
I49MB
I49MDKB

Provided as two piece set

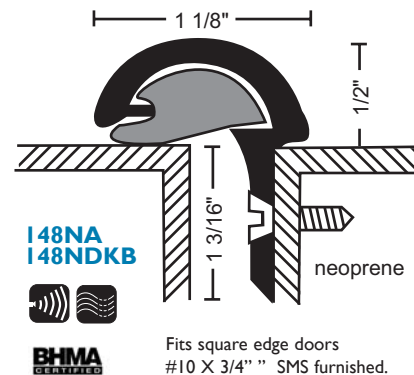
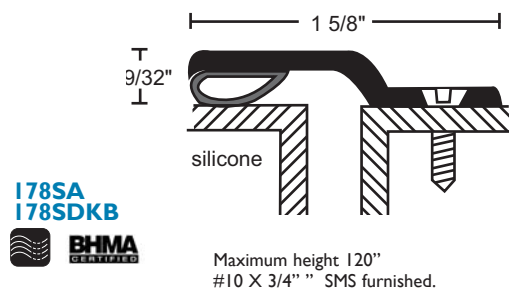
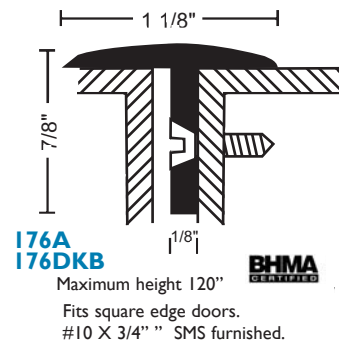
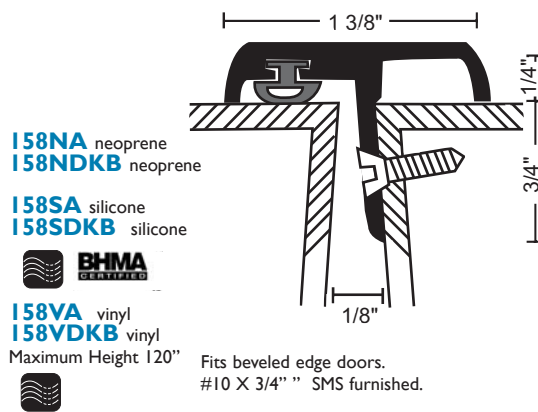
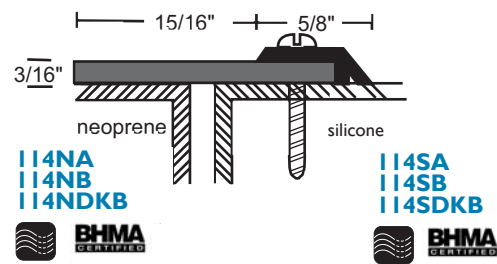
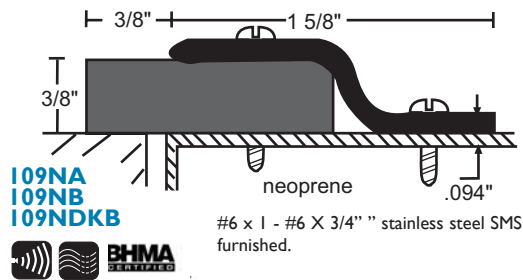


I89MA
I89MDKB

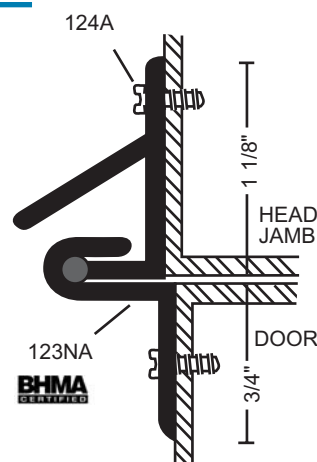
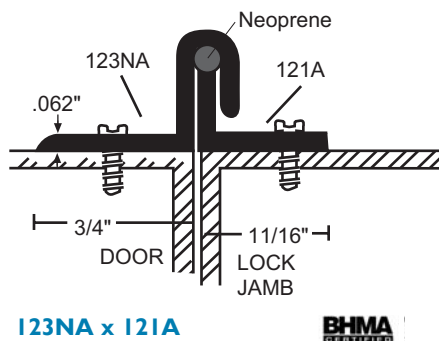
Provided as two piece set



Overlapping Astragals



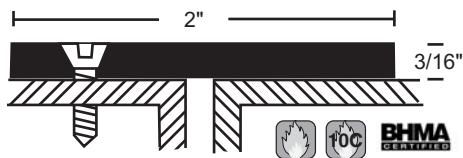
Interlocking Seals



A - clear
B - gold
DKB - dark bronze
vinyl is gray
neoprene, silicone are black

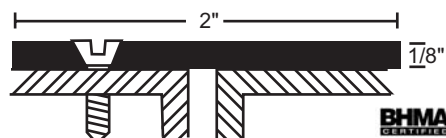
Solid Metal Astragals

- Available lead-lined, suffix "LD"
- Available with SNB, specify



I39SP- Steel Prime Coat

Furnished with #12 x 1 1/4" SMS. Can replace required metal astragal on wood or fire-rated metal doors. UL, Max gap between doors = 1/8". Astragal must overlap gap and inactive door min. of 3/4".

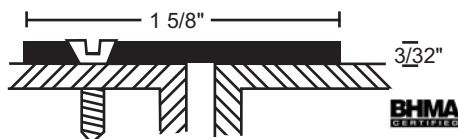


I39A Aluminum clear anodized

I39DKB Aluminum dark bronze

I39BR Brass

#10 x 3/4" SMS furnished.



I39SS

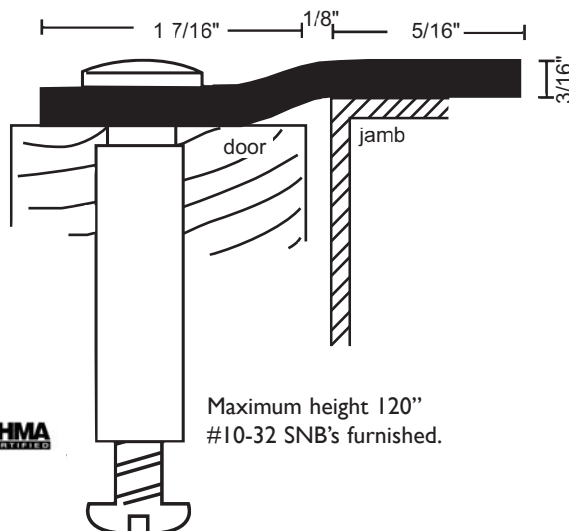
#10 x 3/4" SMS furnished.

Stainless steel astragal type 304 mill finish #2B

Optional finishes: Polished (US32, 629) suffix "POL"

Brushed (US32D, 630) suffix "Brushed"

Steel Security Astragal

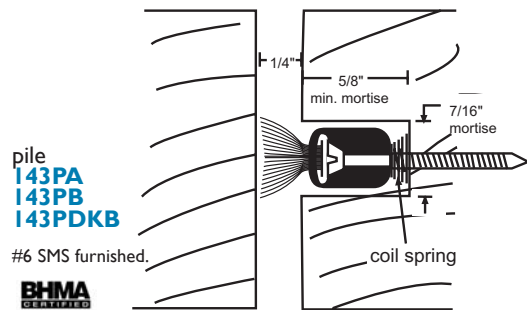


I392SP

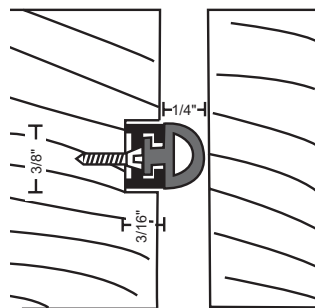
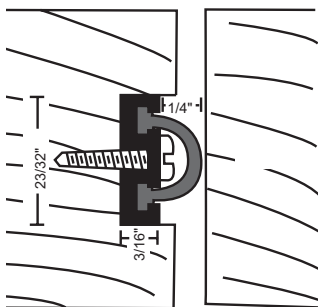
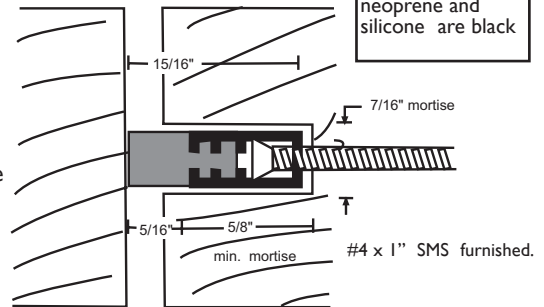


Maximum height 120"
#10-32 SNB's furnished.

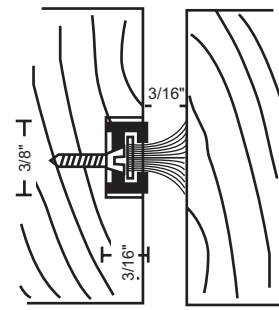
Mortised Astragals



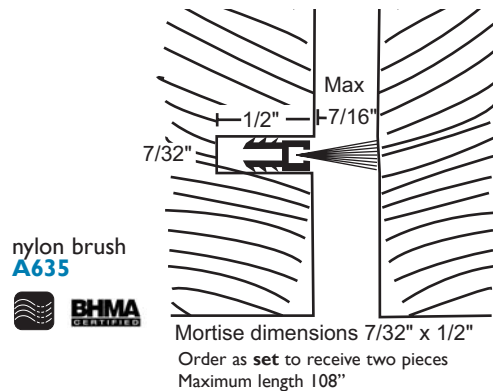
147N neoprene
BHMA
CERTIFIED



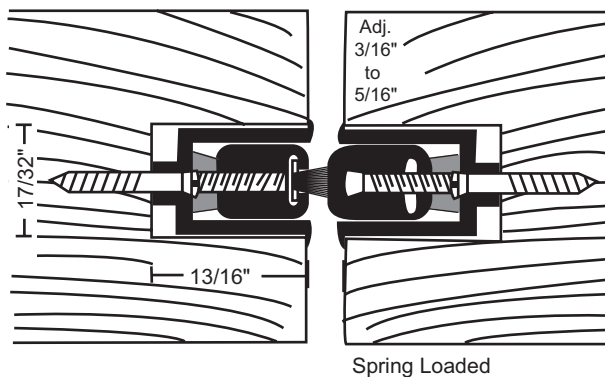
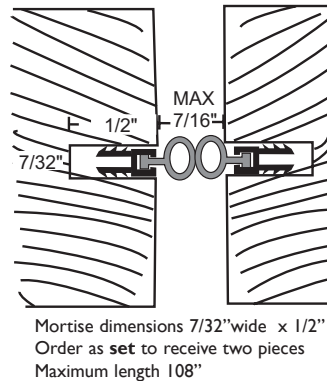
136S silicone
136SDBK
BHMA
CERTIFIED



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



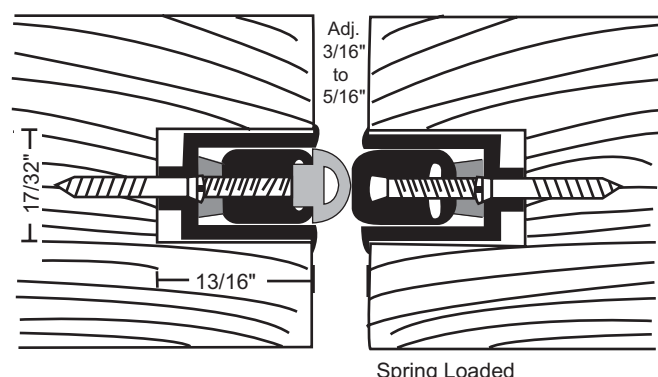
151N neoprene
BHMA
CERTIFIED
151S silicone
BHMA
CERTIFIED
151V vinyl
BHMA
CERTIFIED



pile
144PA
144PB
144PDKB

Mortise dimensions 17/32" wide x 13/16".
#8 x 3/4" SMS furnished
Provided as two piece set

BHMA
CERTIFIED



silicone
144SA
144SB
144SDBK

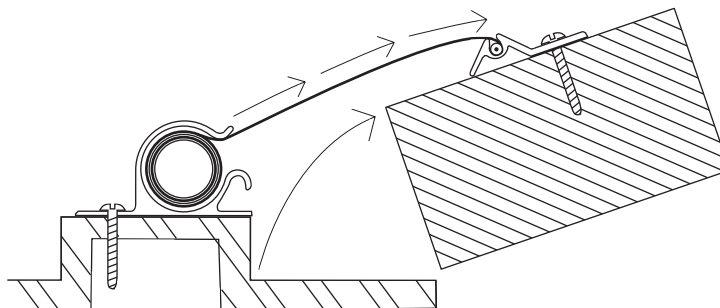
Mortise dimensions 17/32" wide x 13/16".
#8 x 3/4" SMS furnished
Provided as two piece set

BHMA
CERTIFIED

Finger Guard

Finger Guard is designed to help prevent injury to fingers accidentally placed in the hinge area of a door. This unique product features an internal spring mechanism that maintains constant tension against the fabric. This covers the dangerous area behind the edge of the door to prevent accessibility to this area.

- Durable Aluminum Channel
- Fire Resistant Woven Polyethylene
- 76" full size
- 38" dutch doors
- Ideal for Elderly & Childcare facilities
- #6 Tek self-drilling screws



details not to scale

2248A-38" Aluminum clear anodized w/ white polyethylene

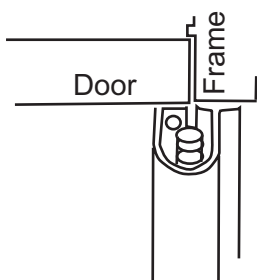
2248A-76" Aluminum clear anodized w/ white polyethylene

2248DKB-38" Dark Bronze w/ black polyethylene

2248DKB-76" Dark Bronze w/ black polyethylene



* up to 3 hrs. metal doors, 1 hr. wood doors



Hinge Side FingerSafe® Guard

2252B Brown

2252C Charcoal

2252W White



- Protects pull side of door edge preventing fingers from injury
- Made of UPVC and nitrile rubber
- Length is 79 3/4"

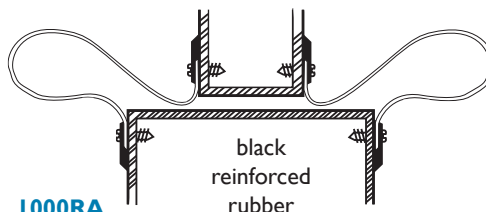
Fingersafe® is internationally patented

Safety Seal for Double-Acting Doors

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

Specify width required 5", 10" or 16" overall widths available

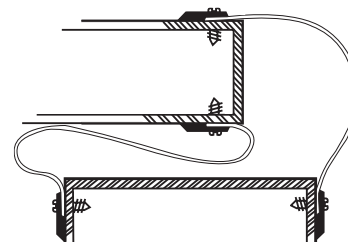
#6 x 3/4" stainless steel sheet metal screws furnished.



I000RA

I000RB

I000RDKB



Door Aligning Astragals

- Keeps pairs of doors without full length astragals aligned properly
- Prevents over-swing of active leaf which may cause binding
- Allows latching and locking hardware to function properly
- Mounts neatly to edge of inactive leaf around the lock strike and/or flush bolts

STANDARD FEATURES

- For 1 3/4" beveled edge doors
- 9" height
- 1/4" radius corners
- 20 gauge cold rolled steel
- DKB powder coat finish standard

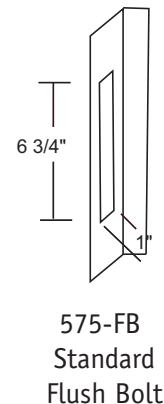
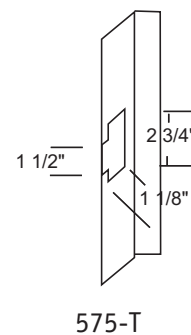
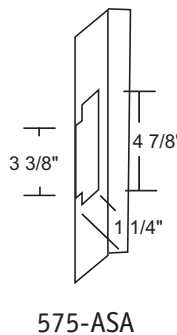
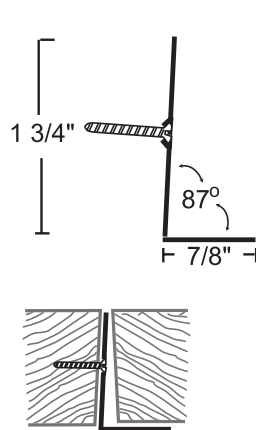
OPTIONAL FEATURES

- See page L2 for optional powder coat finishes
- #304 stainless steel 20 ga.,
#4 brushed finish-suffix "SS"

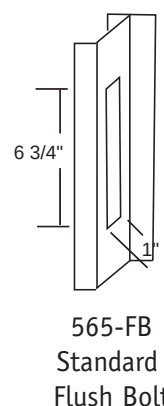
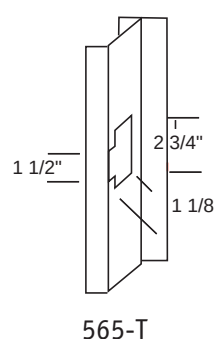
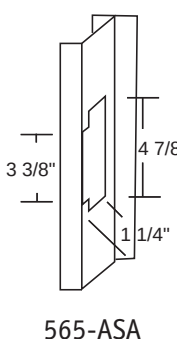
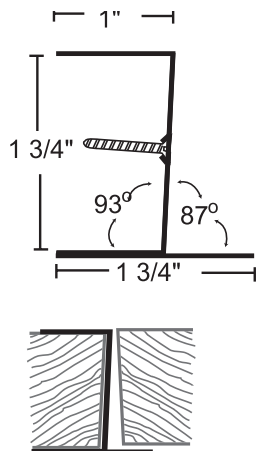


UL10B, UL10C listed for use on pairs of wood type fire-rated doors up to 90 minutes, and steel fire-rated doors up to 3 hours.

575-Blank
575-ASA
575-T
575-FB



565-Blank
565-ASA
565-T
565-FB



Metal Edges and Astragals

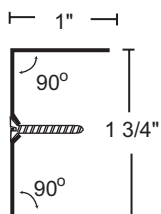
NGP Order Form indicating model number, hand, net length, hardware preps, and precise hardware locations must accompany all orders.

STANDARD FEATURES

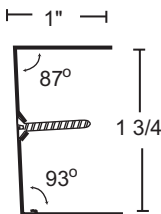
- 20 ga. cold rolled steel on edges and "Z" astragals
- 18 ga. cold rolled steel on astragal welded to edges.
- For 1 3/4" thick doors (inside dim. 1 3/4" actual)
- #8 x 3/4" Phillips head SMS.
- Standard finish = Tan (T) powder coat

OPTIONAL FEATURES

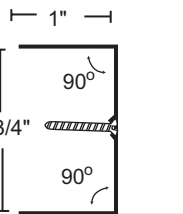
- See page L2 for optional finishes
- #304 Stainless steel 20 ga., #4 brushed finish - suffix SS"
- Galvanneal
- Torx Security Screws
- Special door thickness: 1 3/8", 2", 2 1/4"



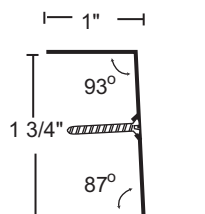
SQUARE EDGE



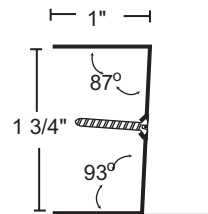
BEVELED EDGE



SQUARE EDGE
ASTRAGAL

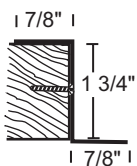


BEVELED EDGE
ASTRAGAL ON
ACTIVE LEAF

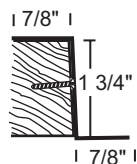


BEVELED EDGE
ASTRAGAL ON
INACTIVE LEAF

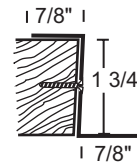
"Z" ASTRAGALS



570 - SQUARE EDGE



572 - BEVELED EDGE
ON ACTIVE LEAF

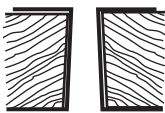


574 - BEVELED EDGE
ON INACTIVE LEAF

DOOR EDGES



541 - SET SQUARE EDGE

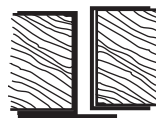


543 - SET BEVELED EDGE



545 - SET PARALLEL BEVEL
FOR DOUBLE EGRESS
DOORS

ASTRAGAL ON ACTIVE LEAF



551* - SET SQUARE EDGE



553* - SET BEVELED EDGE

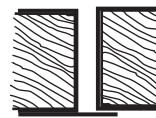


550* - ASTRAGAL ONLY
SQUARE EDGE



552* - ASTRAGAL ONLY
BEVELED EDGE

ASTRAGAL ON INACTIVE LEAF



561 SET SQUARE EDGE



563 SET BEVELED EDGE



560 - ASTRAGAL ONLY
SQUARE EDGE



562 - ASTRAGAL ONLY
BEVELED EDGE



555 - SET PARALLEL BEVEL
FOR DOUBLE EGRESS
DOORS



UL10B, UL10C Listed for use on pairs of wood type fire-rated doors up to 90 minutes, and steel fire-rated doors up to 3 hours.

* Astragals mounted on active leaf that are prepped for a lockset will be notched for the strike lip, unless otherwise specified

ORDER FORM FOR METAL EDGES/ASTRAGALS

STEP 1

Astragal on Active Leaf

	
___ RHR ACTIVE (OUTSWING) Qty.	___ LHR ACTIVE (OUTSWING) Qty.
	
___ LH ACTIVE (INSWING) Qty.	___ RH ACTIVE (INSWING) Qty.

Astragal on Inactive Leaf

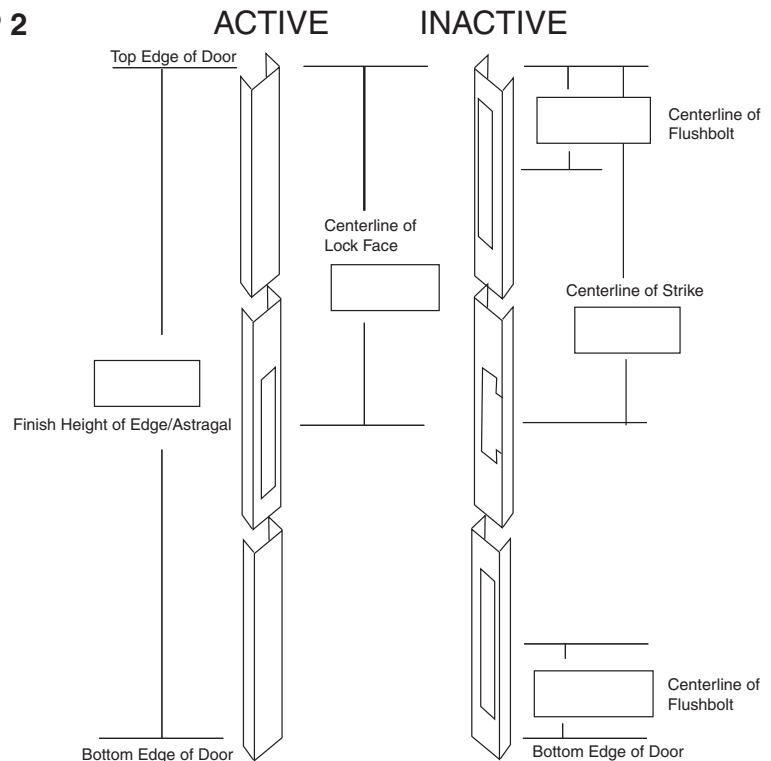
	
___ RH ACTIVE (INSWING) Qty.	___ LH ACTIVE (INSWING) Qty.
	
___ LHR ACTIVE (OUTSWING) Qty.	___ RHR ACTIVE (OUTSWING) Qty.

STEP 2

1-800-647-7874 Fax 1-800-255-7874
Customer Name
Date:
PO#
Job Name
Model Number
Finish
Signature

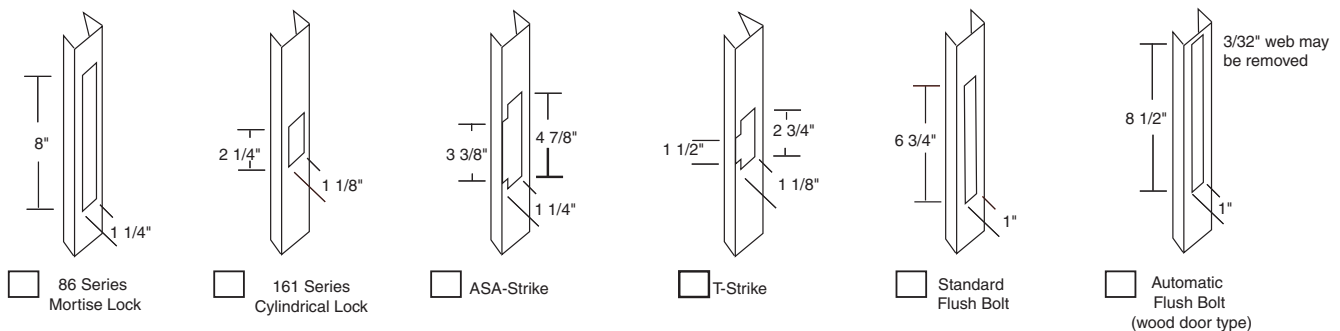
Please complete:

1. Quantity for each hand
2. Fill in measurements
3. Select Machining Specification.



STEP 3

Standard Machining Specifications





National Guard Products, Inc.

The products you count on. The people you trust.

Phone: 800-647-7874

Fax: 800-255-7874

www.ngp.com

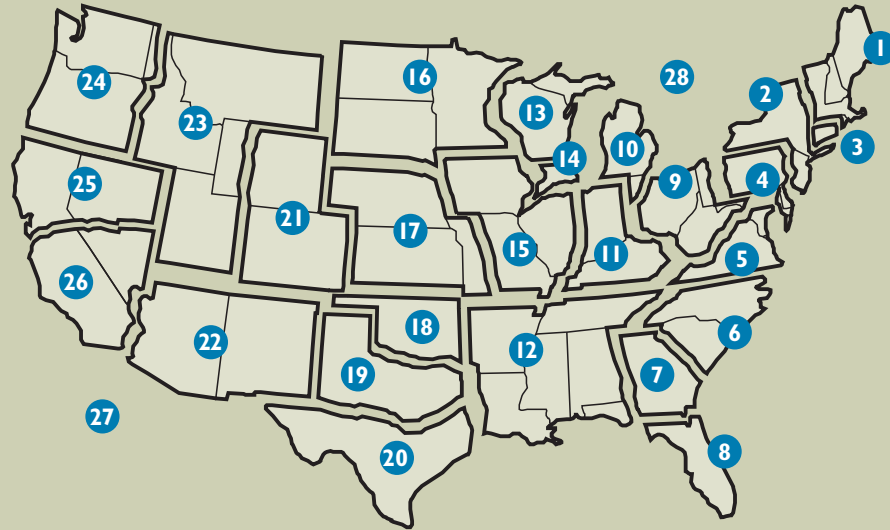
Corporate Headquarters

NATIONAL GUARD PRODUCTS, INC.

4985 E. Raines Road
Memphis, TN 38118

Mailing Address

P.O. Box 753430
Memphis, TN 38175



SALES REPRESENTATIVES

1. IRST of New England

PO Box 801
77 Wexford Street
Needham Heights, MA 02494
PH: (781) 449-2860
FAX: (781) 449-5734

2. Dugan Associates

6800 Pittsford-Palmyra Rd.
Suite 330
Fairport, NY 14450
PH: (585) 223-4204
FAX: (585) 223-6461

3. Paul J. Polke Company

628 Route 10, Unit 1
Whippany, NJ 07981
PH: (973) 515-7278
(800) 526-1179
FAX: (973) 515-3671

4. Mid-Atlantic Agents

109 John Robert Thomas Dr.
Exton, PA 19341
PH: (610) 363-7611
FAX: (610) 363-8752

5. Frazier Commercial Sales

23500 Rolling Fork Way
Gaithersburg, MD 20882
PH: (301) 482-2277
FAX: (301) 482-2410

6. D.H. Bruch Marketing

352 Crompton Street
Charlotte, NC 28273
PH: (704) 588-5214
FAX: (704) 588-6444

7. Phillips-Langley Associates

3585 Lawrenceville-Suwanee Rd., Suite 401-A
Suwanee, GA 30024
PH: (770) 614-0630
FAX: (770) 614-0680

8. Architectural Marketing Associates

648 Florida Central Parkway
Longwood, FL 32750
PH: (407) 767-9540
FAX: (407) 339-1358

9. Barrett Group

6170 Centre Park Drive
West Chester, OH 45069
PH: (513) 779-9350
(800) 735-7923
FAX: (513) 779-1410

10. Hardware Agents

5355 Northland Drive, NE,
Suite C
Grand Rapids, MI 49525
PH: (616) 363-3461
FAX: (616) 363-3520

11. Baines Builders Products

P.O. Box 783
Carmel, IN 46082
PH: (317) 846-9440
FAX: (317) 574-0129

12. Crenshaw Sales

P.O. Box 46
LaGrange, TN 38046
PH: (901) 878-1239
FAX: (901) 878-1269

13. Donald A. Loss & Associates

3603 West Oklahoma Avenue
Milwaukee, WI 53215
PH: (414) 384-4448
FAX: (414) 384-5577

14. Life Safety Hardware Consultants

908 Huntsmoor Drive
Frankfort, IL 60423
PH: (815) 464-1155
FAX: (815) 464-1177

15. D.L. Neuner Company

3015 S. Brentwood Boulevard
St. Louis, MO 63144
PH: (314) 962-2377
(800) 775-9455
FAX: (314) 962-6375

16. Combs & Associates

6190 Olson Memorial Highway
Golden Valley, MN 55422
PH: (763) 746-3666
FAX: (763) 746-3669

17. Patterson Sales

1966 Linn Street
North Kansas City, MO 64116
PH: (816) 221-3322
FAX: (816) 221-5566

18. D.L. Collins Associates

2231-A Michigan Avenue
Arlington, TX 76013
PH: (817)-461-1055
FAX: (817) 795-1845

19. D. L. Collins Associates

2231-A Michigan Avenue
Arlington, TX 76013
PH: (817)-461-1055
FAX: (817) 795-1845

20. D.L. Collins Associates

10510 Desert Springs Circle
Houston, TX 77095
PH: (281) 373-0494
FAX: (281) 304-7819

21. R.J. Porter & Associates

PO Box 15504
Lakewood, CO 80215
PH: (303) 233-0100
FAX: (303) 972-7897

22. The Clark Agency

16226 S. 33rd Place
Phoenix, AZ 85048
PH: (480) 704-6601
FAX: (480) 704-6602

23. IRST of the Mountain States

300 Mercer Way
Salt Lake City, UT 84115
PH: (801) 401-5400
FAX: (801) 401-5401

24. IRST of the Northwest

19017 120th Avenue, NE,
Suite 101
Bothell, WA 98011
PH: (425) 686-3615
FAX: (425) 686-3639

25. R.P. Boxman & Associates

6689 Owens Drive #200
Pleasanton, CA 94588
PH: (925) 462-4777
FAX: (925) 846-5952

26. IRST of So. California

488 E. Santa Clara Street,
Suite 101
Arcadia, CA 91006
PH: 626-359-5555
Fax: 626-359-1511

27. Donald Tucker, Int'l Rep

348 Amador Avenue
Ventura, CA 93004
(PO Box 4470, 93007)
PH: (805) 659-1232
FAX: (603) 853-2599

28. Canadian Distribution Center

K.M. Thomas Company
360 Carlingview Drive
Toronto, ON M9W 5X9
PH: 416-798-0611
FAX: 416-798-1349