

# Pemko Astragals & Meeting Stiles

## CONTENTS:

Astragal and Meeting Stile Gasketing - Split Astragals.....	172-173
Split Astragals with Snap Covers - Concealed Fasteners .....	174
Meeting Stile Gasketing .....	174-175
Adhesive Astragal/Meeting Stile Seals .....	176
Adjustable Astragals .....	176
“T” and Overlapping Astragals .....	177
Adhesive-Backed Mullion Gasketing .....	178
Adhesive Astragal Seal .....	178
Offset Security Bar .....	178
Security Astragal .....	178
Locking Astragals .....	179-180
Locking Wood Astragals .....	181
Outswing Locking Astragals .....	182

## INDEX:

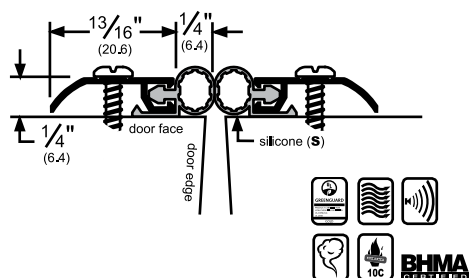
PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
297.....	172	358.....	174	5110.....	178
300.....	175	359.....	177	18041 .....	173
303.....	172	369.....	175	18061 .....	173
305.....	172	371.....	175	29310 .....	174
305SS.....	172	372.....	175	29324 .....	174
310.....	173	375.....	177	29326 .....	174
311CIN .....	173	378.....	178	34831 .....	181
313.....	174	3443 .....	182	B71.....	175
314.....	174	3444 .....	182	OAK349.....	179
316.....	173	3481 .....	181	FIR349.....	179
318.....	173	3483 .....	181	S1125.....	178
329 .....	172	3493 .....	179	Q108 .....	180, 181
351.....	176	3494 .....	179	S771 .....	176
352.....	177	3495 .....	180	S771x6 .....	176
354.....	176	3496 .....	180	S772 .....	176
355.....	177	3497 .....	180	SS71.....	175
356.....	177	3498 .....	180		
357 .....	177	3572 .....	178		

## Astragal and Meeting Stile Gasketing - Split Astragals

- Astragals and meeting stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of **NFPA 80, 6.3.1.7.1 "The clearance between... the meeting edges of doors swinging in pairs on the pull side shall be  $\frac{1}{8}" \pm \frac{1}{16}"$  (3.18mm  $\pm$  1.59mm) for steel doors and shall not exceed  $\frac{1}{8}"$  (3.18mm) for wood doors"**
- Order split astragals at two (2) pieces by door height per set of double doors. When ordering add "/2" to the end of the part number to specify 2 pieces (i.e. order quantity 1 each 303AS84/2 to get two lengths at 84 inches)
- Punched with slotted holes for adjustment
- Clear anodized brush products are supplied with gray brush. Painted white brush products are supplied with white brush when available, otherwise black brush is supplied. All other finishes supplied with black brush. Black brush is available for clear anodized and painted white brush products upon request.

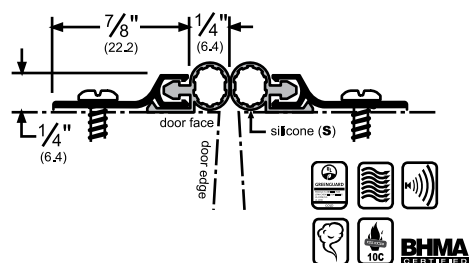
### 297\_S

AVAILABLE FINISHES:  
**A, BDG, D, G, PW, SN**  
REPLACEMENT INSERT:  
**S3 (BL, W)**  
ANSI: **R3E734, R3E735**



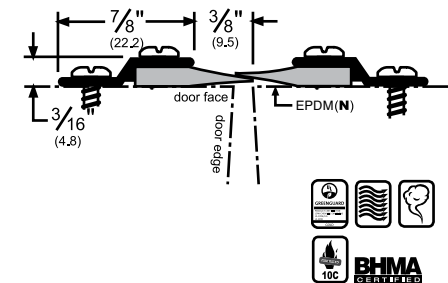
### 303\_S

AVAILABLE FINISHES:  
**A, BDG, C, D, G, PW, SN**  
REPLACEMENT INSERT:  
**S3 (BL, W)**  
ANSI: **R3E734, R3E735**



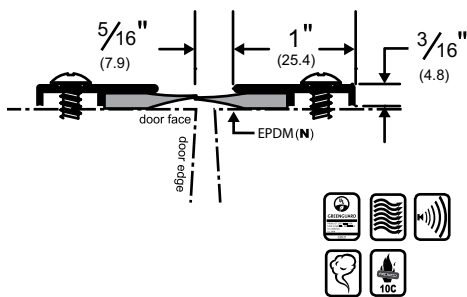
### 305\_N

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**E2 (BL, GR)**  
ANSI: **R3G734, R3G735**



### 329\_N

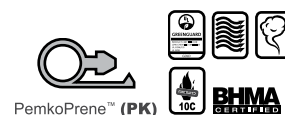
AVAILABLE FINISHES:  
**C, D, G, PW**  
REPLACEMENT INSERT:  
**E2 (BL, GR)**



### Alternate Inserts For 297

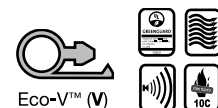
#### 297\_PK

AVAILABLE FINISHES:  
**A, BDG, D, G, PW, SN**  
REPLACEMENT INSERT:  
**PK47 (BL, GR)**  
ANSI: **R3G734, R3G735**



#### 297\_V

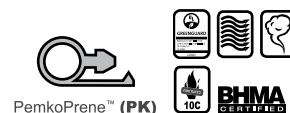
AVAILABLE FINISHES:  
**A, BDG, D, G, PW, SN**  
REPLACEMENT INSERT:  
**EV47 (BL, GR, W)**



### Alternate Inserts For 303

#### 303\_PK

AVAILABLE FINISHES:  
**A, BDG, C, D, G, PW, SN**  
REPLACEMENT INSERT:  
**PK47 (BL, GR)**  
ANSI: **R3G734**



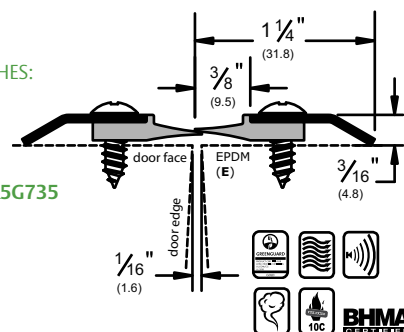
#### 303\_V

AVAILABLE FINISHES:  
**A, BDG, C, D, G, PW, SN**  
REPLACEMENT INSERT:  
**EV47 (BL, GR, W)**



### 305SSE

AVAILABLE FINISHES:  
**SS (#4 Finish)**  
REPLACEMENT INSERT:  
**E2 (BL, GR)**  
ANSI: **R5G734, R5G735**

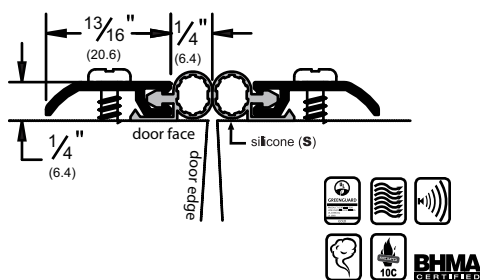


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
**A** (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized) **C** (Clear Anodized) **D** (Dark Bronze Anodized)  
**G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)  
Special finishes available upon request

# Astragal and Meeting Stile Gasketing - Split Astragals (Cont.)

## 316\_S

AVAILABLE FINISHES:  
A, BDG, D, G  
REPLACEMENT INSERT:  
S3 (BL, W)  
ANSI: R3E734, R3E735



## Alternate Inserts For 316

### 316\_PK

AVAILABLE FINISHES:  
A, BDG, D, G  
REPLACEMENT INSERT:  
PK47 (BL, GR)  
ANSI: R3G734, R3G735



### 316\_V

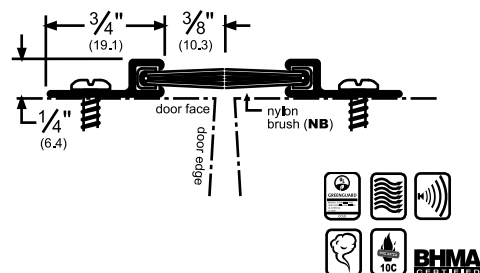
AVAILABLE FINISHES:  
A, BDG, D, G  
REPLACEMENT INSERT:  
EV47 (BL, GR, W)



## 18041\_NB

AVAILABLE FINISHES:  
C, D, G, SN  
REPLACEMENT INSERT:  
P516041 (BL, GR)  
ANSI: R3A734

NOTE: Brush should mesh from 1/32\" to 1/16\".



## Alternate Inserts For 18041

### 18041\_SB

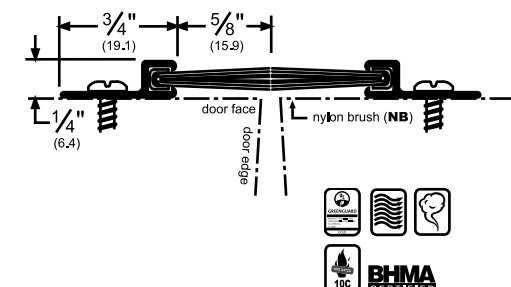
AVAILABLE FINISHES:  
C, D, G, SN  
REPLACEMENT INSERT:  
P3 (BL, GR)



## 18061\_NB

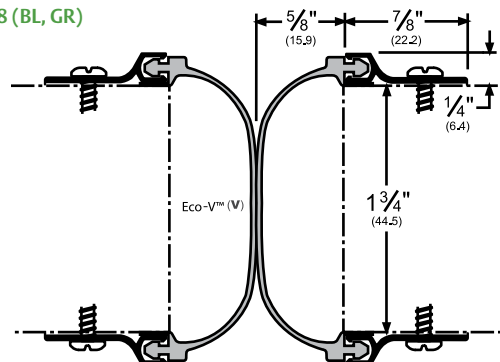
AVAILABLE FINISHES:  
C, D, G, SN  
REPLACEMENT INSERT:  
P516062 (BL, GR, W)  
ANSI: R3A734

NOTE: Brush should mesh from 1/32\" to 1/16\".



## 318\_V

AVAILABLE FINISHES:  
A, BDG, D, G, PW  
REPLACEMENT INSERT:  
EV58 (BL, GR)



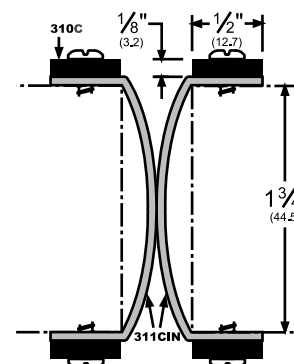
## 310\_\*

### 311CIN

AVAILABLE FINISHES:  
C

- Material required for one pair of doors:  
4 ea. 310 bars and  
2 ea. 311CIN cloth inserted rubber pieces  
- Specify 311CIN3.75 for 1 3/4\" thick doors  
- Specify 311CIN4.00 for 2\" thick doors  
- Specify 311CIN4.25 for 2 1/4\" thick doors

\* Sold individually



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) C (Clear Anodized) D (Dark Bronze Anodized)  
G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized)  
Special finishes available upon request

## Split Astragals with Snap Covers – Concealed Fasteners

- Snap cover helps prevent vandalism and adds an attractive finished look by concealing the fasteners

- Replacement snap cover part number is \_29316. Please specify finish and length when ordering.

### 29310\_S

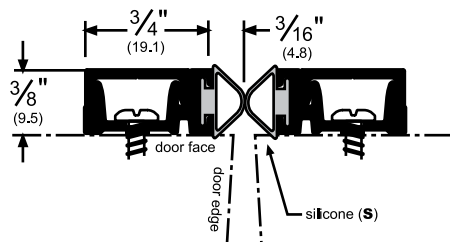
AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

S4 (BL, GR)

ANSI: R3E734



### 29324\_NB

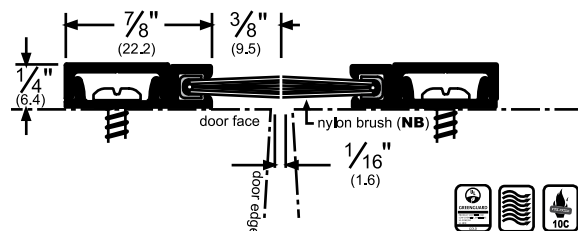
AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

P516041 (BL, GR)

NOTE: Brush should mesh from 1/32" to 1/16".



### 29326\_NB

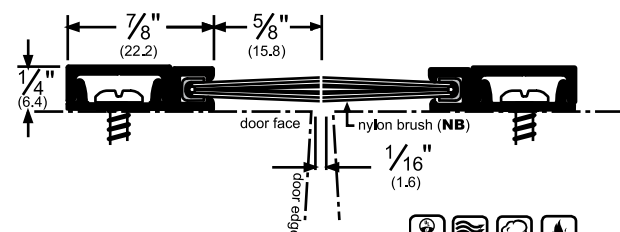
AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

P516062 (BL, GR, W)

NOTE: Brush should mesh from 1/32" to 1/16".



### Alternate Inserts For 29310

#### 29310\_PK

AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

PK4 (BL, GR)

ANSI: R3G734



#### 29310\_P

AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

P2 (BL, GR)



#### 29310\_V

AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

EV41 (BL, GR, W)



### Alternate Inserts For 29324

#### 29324\_SB

AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

P3 (BL, GR)



## Meeting Stile Gasketing

- These products do not work well on beveled-edge pairs of doors

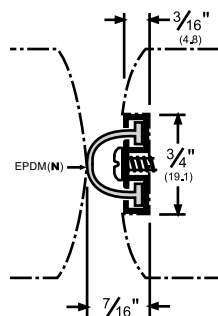
### 313\_N

AVAILABLE FINISHES:

A, D, G

REPLACEMENT INSERT:

E1 (BL, GR)



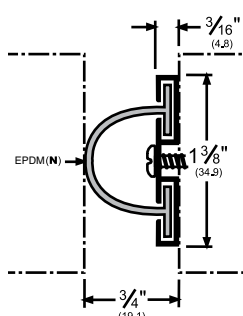
### 314\_N

AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

E3 (BL, GR)



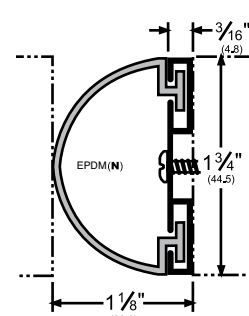
### 358\_N

AVAILABLE FINISHES:

C, D, G

REPLACEMENT INSERT:

E6 (BL, GR)



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
A (Mill Finish Aluminum) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)  
Special finishes available upon request



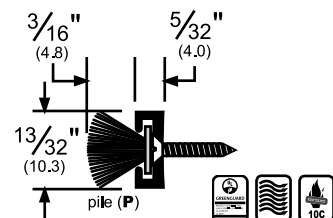
## Meeting Stile Gasketing (Cont.)

- Astragals/Meeting Stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, 2-5.4

- These products (except \_71) do not work well on beveled-edge pairs of doors

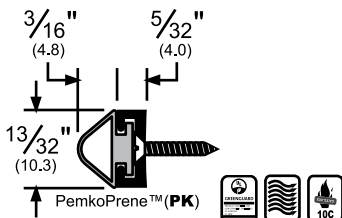
### 369\_P

AVAILABLE FINISHES: **A, D, G**  
REPLACEMENT INSERT:  
**P2 (BL, GR)**



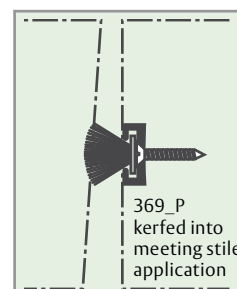
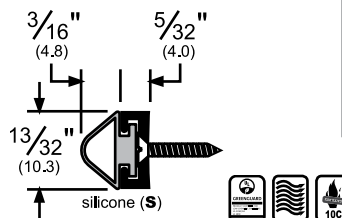
### 369\_PK

AVAILABLE FINISHES: **A, D, G**  
REPLACEMENT INSERT:  
**PK4 (BL, GR)**



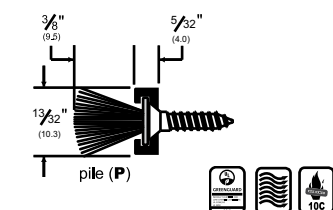
### 369\_S

AVAILABLE FINISHES: **A, D, G**  
REPLACEMENT INSERT:  
**S4 (BL, GR)**



### 369\_P4

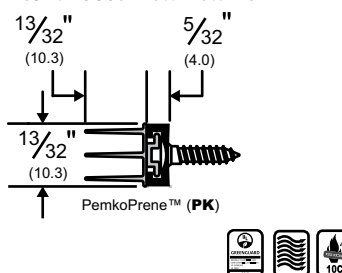
AVAILABLE FINISHES: **A, D, G**  
REPLACEMENT INSERT:  
**P4 (BL, GR)**



### 369\_PK773

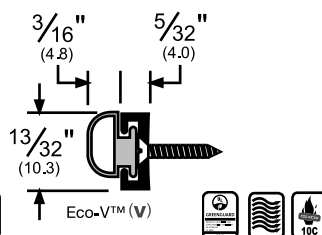
AVAILABLE FINISHES: **A, D, G**  
REPLACEMENT INSERT:  
**PK773 (BL, GR)**

- Gasket only available in 36" or 49" lengths and will be spliced a continuous metal retainer



### 369\_V

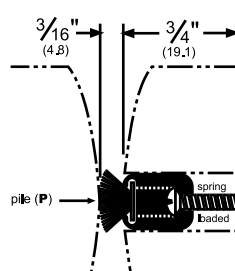
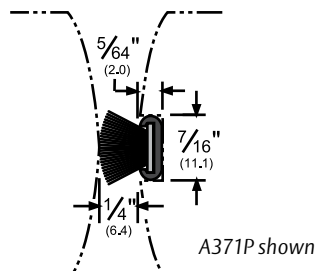
AVAILABLE FINISHES: **A, D, G**  
REPLACEMENT INSERT:  
**EV41 (BL, GR, W)**



### A371P (1/4" pile)

### A372P (3/8" pile)

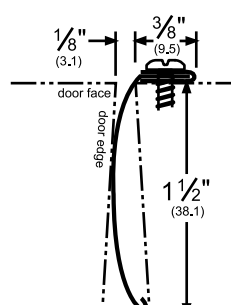
- Available in 84" and 96" lengths
- Available with gray pile only
- Fasten with nails or staples through pile and backing, or use adhesive. Fasteners not supplied
- Pile and backing do not separate
- For a 3/8" gap (or smaller) between doors
- Spring-loaded from back side



### B71

### SS71

- .008 gauge hemmed spring bronze with .015 gauge brass retainer
- .008 gauge hemmed stainless steel with .020 gauge stainless steel retainer
- Available in 96" length only



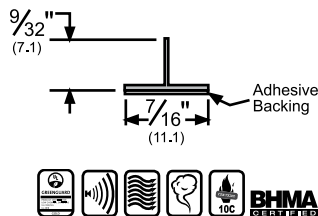
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
**A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **B** (Hemmed Spring Bronze) **C** (Clear Anodized)  
**D** (Dark Bronze Anodized) **G** (Gold Anodized) **SS** (Stainless Steel) Special finishes available upon request

## Adhesive Astragal/Meeting Stile Seals

- The **S771** and **S772** astragal/meeting stile seals can be installed on virtually any pair of doors where sound attenuation is required. These products seal the opening to prevent heat loss, retard the passage of smoke, and act as a weatherization product
- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time
- Stays flexible between -58°F and 450°F with very high resistance to flex fatigue
- Maintains a low closing force
- Easy installation requires no mechanical fasteners; can be cut to size in the field

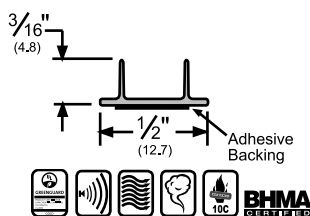
### S771\_

AVAILABLE FINISHES: **BL, C, D, GR, W**  
AVAILABLE LENGTHS: 7', 8', 9', 10'  
ANSI: **R0E754, R0E755**



### S772\_

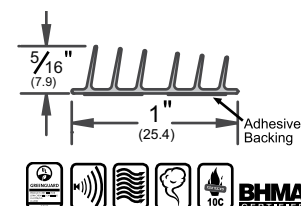
AVAILABLE FINISHES: **BL, C, D, GR, W**  
AVAILABLE LENGTHS: 7', 8', 9', 10'  
ANSI: **R0E754, R0E755**



### S771x6\_

AVAILABLE FINISHES: **BL, C**  
AVAILABLE LENGTHS: 7', 8', 9', 10'  
ANSI: **R0E154, R0E155, R0E754, R0E755**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at  $\frac{5}{16}$ "; compresses to seal up to a  $\frac{1}{16}$ " gap



#### Notes For All Adhesive Gasketing:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F. For further notes/details, please see Adhesive Gasketing section.

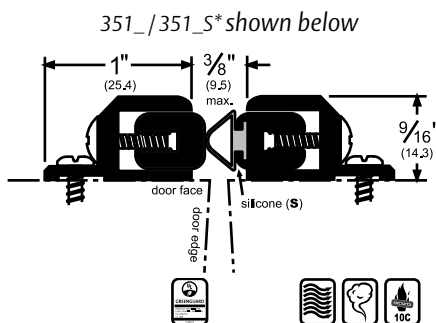
## Adjustable Astragals

- Available in 84", 96" and 120" lengths
- When used as split astragals on double doors, two lengths must be ordered: one for each door

### 351\_S

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**S4 (BL, GR)**

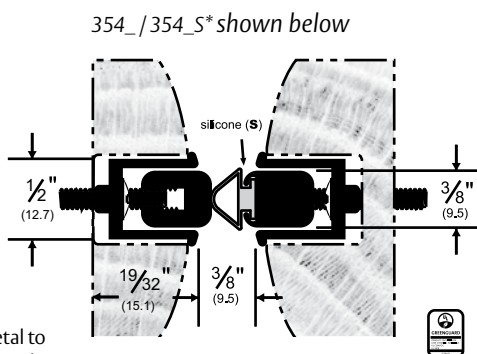
- Surface applied
- For use with square-edge or bevel-edge doors



### 354\_S

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**S4 (BL, GR)**

- Fully mortised
- Designed for use with bullnose doors



\*If you require split astragals in a metal to gasket configuration, you must order each leaf separately with your choice of insert in the tables to the right

#### Alternate Inserts For 351

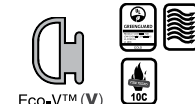
##### 351\_PK

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**PK4 (BL, GR)**



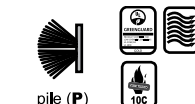
##### 351\_V

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**EV41 (BL, GR, W)**



##### 351\_P

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**P2 (BL, GR)**



#### Alternate Inserts For 354

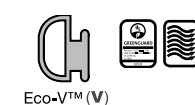
##### 354\_PK

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**PK4 (BL, GR)**



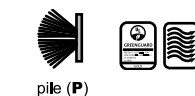
##### 354\_V

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**EV41 (BL, GR, W)**



##### 354\_P

AVAILABLE FINISHES:  
**B, C, D, G**  
REPLACEMENT INSERT:  
**P2 (BL, GR)**



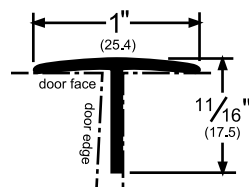
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
**B** (Mill Finish Extruded Bronze [Brass]) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized)  
Special finishes available upon request  
Gasket colors: **BL** (Black) **C** (Clear) **D** (Dark) **GR** (Gray) **W** (White)

## "T" and Overlapping Astragals

### 359\_

AVAILABLE FINISHES:  
A, BDG, D

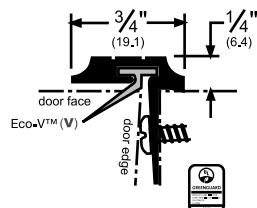
- Supplied with weatherstrip nails for installation



### 356\_V

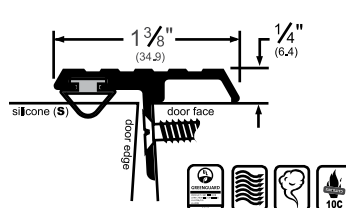
AVAILABLE FINISHES:  
A, BDG, D, PW, SN  
REPLACEMENT INSERT:  
EV17 (BL, GR, W)

- Countersink drilling with countersunk flathead screws also available upon request at no extra charge



### 355\_S

AVAILABLE FINISHES:  
B, BDG, C, D, G, PW, SN  
REPLACEMENT INSERT:  
S4 (BL, GR)



### Alternate Inserts For 355

#### 355\_V

AVAILABLE FINISHES:  
B, BDG, C, D, G,  
PW, SN  
REPLACEMENT  
INSERT:  
EV7 (BL, GR, W)



#### 355\_P

AVAILABLE FINISHES:  
B, BDG, C, D, G,  
PW, SN  
REPLACEMENT  
INSERT:  
P2 (BL, GR)



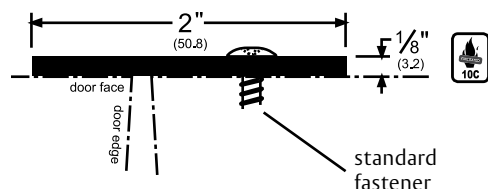
### 357\_

#### 357\_ND

AVAILABLE FINISHES:  
C, D, G, SP, SS (#4 Finish & #4 Edge)

#### 11 GAUGE

- "ND" denotes "no drill" (unless specified "ND", astragals are drilled)
- Standard fastener is #10 x 1" Truss Head SMS
- Lead-line option available

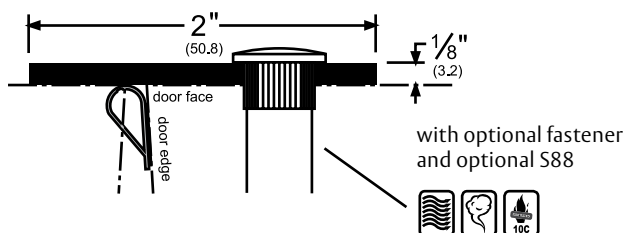


### 357\_ with S88

AVAILABLE FINISHES:  
SP, SS (#4 Finish & #4 Edge)

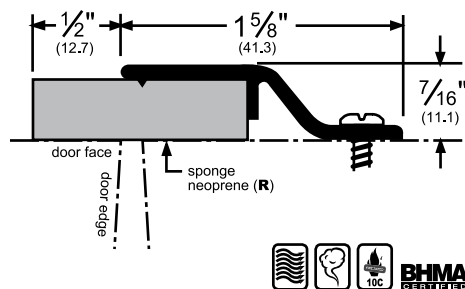
#### 11 GAUGE

- Standard fastener is #10 x 1" Truss Head SMS
- 1/4" - 20 machine screws and thru-bolts must be ordered separately at additional cost
- S88 seal must be ordered separately at an additional cost, if required
- If specifications state that an astragal is required to satisfy a fire and / or smoke opening, then a thru-bolted 357SP or SS in conjunction with S88 seal is the only configuration that can be used.



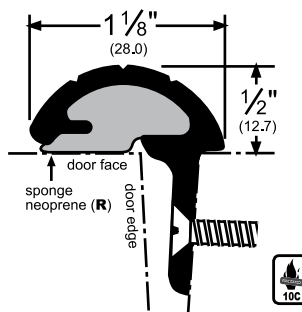
### 375\_R

AVAILABLE FINISHES: B, C, D, G  
REPLACEMENT INSERT: R4 (BL)  
ANSI: R3C634, R3C635



### 352\_R

AVAILABLE FINISHES: C, D, G  
REPLACEMENT INSERT: R8 (BL)  
For reverse bevel doors



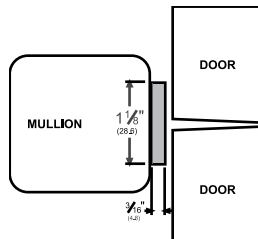
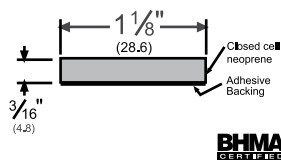
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) C (Clear Anodized)  
D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) SP (Galvannealed Steel)  
SS (See Individual Part) Special finishes available upon request

## Adhesive-Backed Mullion Gasketing

5110\_

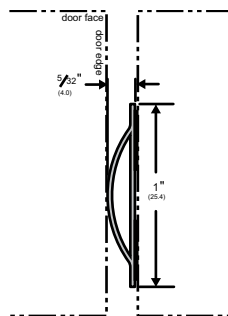
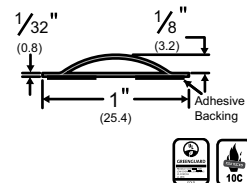
AVAILABLE FINISH: **BL**  
AVAILABLE LENGTHS: **120"**  
ANSI: **R0C004**



## Adhesive Astragal Seal

S1125\_

AVAILABLE FINISH: **BL**  
AVAILABLE LENGTHS: **7, 8, 10**



## Offset Security Bar

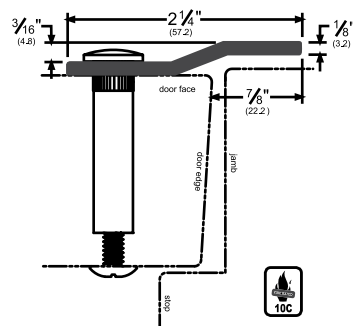
- For use on single outswing wood or metal doors
- Covers gap between the door and jamb for the full door height, preventing prying and manipulation

3572\_

3572\_ND

AVAILABLE FINISHES:  
**SP, SS** (#4 Finish & #4 Edge)  
AVAILABLE LENGTHS:  
**80", 84" and 96"**

**10 GAUGE**



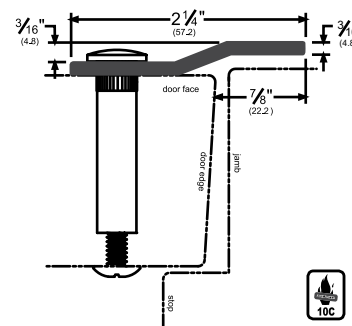
- 3572\_ supplied drilled 12" on center with 1/4" holes; "ND" denotes "no drill"

3572PP7

3572PP7ND

AVAILABLE FINISHES:  
**PP**  
AVAILABLE LENGTHS:  
**84"**

**7 GAUGE**



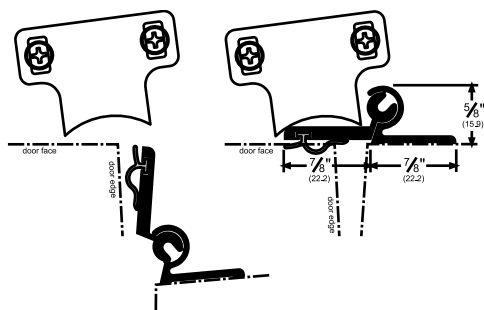
## Security Astragal

- Automatic security astragal for outswing pairs of wood and metal doors
- Discourages manipulation of panic-type hardware
- Astragal is held flush against other door by 1/2" thick cam (cam and mounting screws included)
- Anodized aluminum with Eco-V™ seal and stainless steel operating spring

- Either door may be active without requiring a coordinator
- Parts can be trimmed 12" maximum from each end
- Should be mounted prior to attaching panic hardware to eliminate the problem of interference
- Must be installed on the inside and top of a pair of outswing doors
- Longest length available is 96"

378\_

AVAILABLE FINISHES:  
**C, D, G**  
REPLACEMENT INSERT:  
**EV23 (GR)**  
AVAILABLE LENGTHS:  
**86", 96"**



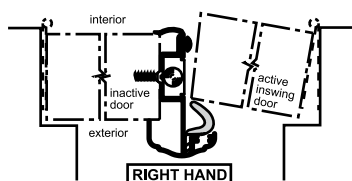
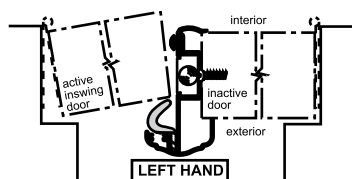
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
**BL** (Black) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PP** (Prime Painted)  
**SP** (Galvanized Steel) **SS** (See Individual Part)  
Special finishes available upon request

## Locking Astragals

- Weatherstripped astragals with locking spring bolts or slide bolts for 1 $\frac{3}{4}$ " inswing double doors
- Odd numbered astragals have economical smooth acting slide bolts. Slide bolts are 4" from the top/bottom standard; optional 18" slide bolt is available for easier access. Even numbered astragals have locking spring bolts. Both have full  $\frac{3}{8}$ " diameter steel bolts with 1 $\frac{1}{16}$ " throw. In the extended and locked position, locking spring bolts cannot be easily retracted by tampering. In the retracted position, the spring loaded bolts latch firmly, preventing marking of the floor and door header trim when opening or closing the inactive door
- Styles **3493** thru **3498** come with a molded sponge neoprene bottom seal
- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt
- All come with a Eco-V™ snap-in cover strip to conceal the cutout and cover the mounting screws
- Astragal stock lengths are 80", 84", 96" and 120"
- A standard deadbolt punchout is  $\frac{3}{4}$ " x 4" at 40" on center Punchout supplied on request only
- For non-stock astragals, specify deadbolt punchout size and center distance from top end
- Specify handing using the handing chart on page 178 or 180

### Handing Chart For Astragals (For pages 177 thru 179)

- An astragal is handed by the hand of the active door. The hand of the active door is determined by the position of the hinges on the door, when viewed from the outside (the key side)



### Slimline style with slide bolt 3493\_S

REPLACEMENT INSERT: **S4 (BL, GR)**

### 3493\_V

REPLACEMENT INSERT: **EV67 (BL, W)**

AVAILABLE FINISHES:

**BDG, C, D, G, PW, SN**

- 3493** also available with 18" slide bolt (at additional cost) for easier access (specify "L" at the end of the product number for this option i.e. **3493\_VL**)

### Slimline style with locking spring bolt

### 3494\_S

REPLACEMENT INSERT: **S4 (BL, GR)**

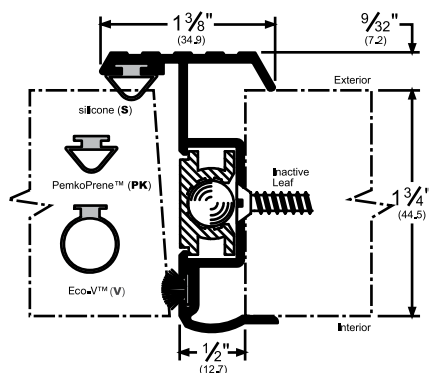
### 3494\_V

REPLACEMENT INSERT: **EV67 (BL, W)**

AVAILABLE FINISHES:

**BDG, C, D, G, PW, SN**

### Slimline Style

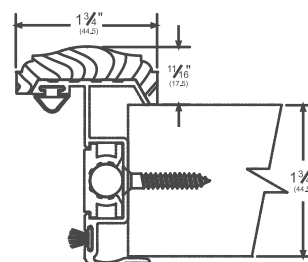


### Oak Fascia

### OAK349-96

### Fir Fascia

### FIR349-96



- Available in 96" length only
- The fascia is attached to the face of 3493/3494 locking metal astragals, providing a aesthetic appearance while utilizing the mechanical advantages of the locking metal astragals
- The fascia is supplied unfinished to allow for custom matching

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

**BDG** (Bright Dip Gold Anodized) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (White) **SN** (Satin Nickel Anodized) Special finishes available upon request

## Locking Astragals

### Colonial Style

Colonial style with slide bolt

3495\_M

REPLACEMENT INSERT: **MAG349 (D, W)**

3495\_Q

REPLACEMENT INSERT: **Q102 (D, W)**

AVAILABLE FINISHES: **BDG, C, D, PW, SN**

- 3495 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3498\_Q96L)

Colonial style with locking spring bolt

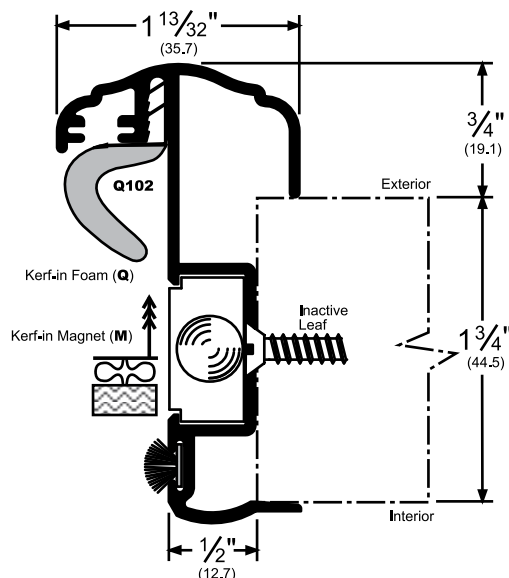
3496\_M

REPLACEMENT INSERT: **MAG349 (D, W)**

3496\_Q

REPLACEMENT INSERT: **Q102 (D, W)**

AVAILABLE FINISHES: **BDG, C, D, G, PW, SN**

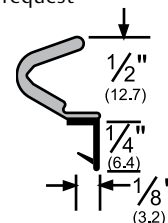


**Q108\_**

AVAILABLE FINISHES:

**BL, W**

Available with Q108 insert only upon request



### Colonial Style with Thermal Break

Colonial style with slide bolt and thermal break

3497\_M

REPLACEMENT INSERT: **MAG349 (D, W)**

3497\_Q

REPLACEMENT INSERT: **Q102 (D, W)**

AVAILABLE FINISHES: **BDG, C, D, PW**

- 3497 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3497\_M96L)

Colonial style with locking spring bolt and thermal break

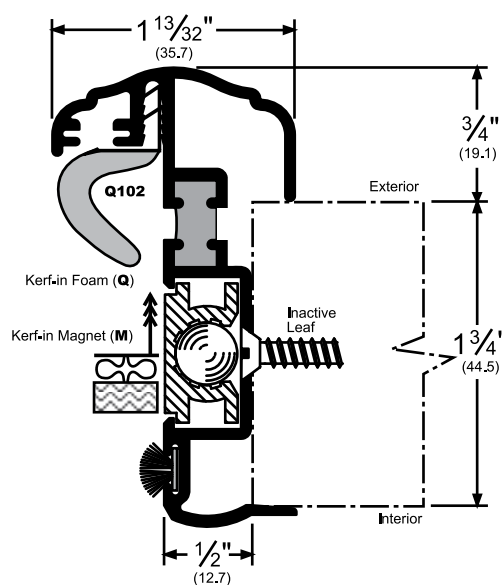
3498\_M

REPLACEMENT INSERT: **MAG349 (D, W)**

3498\_Q

REPLACEMENT INSERT: **Q102 (D, W)**

AVAILABLE FINISHES: **BDG, C, D, PW**



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

**BDG** (Bright Dip Gold Anodized) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized)

**PW** (White) **SN** (Satin Nickel Anodized)

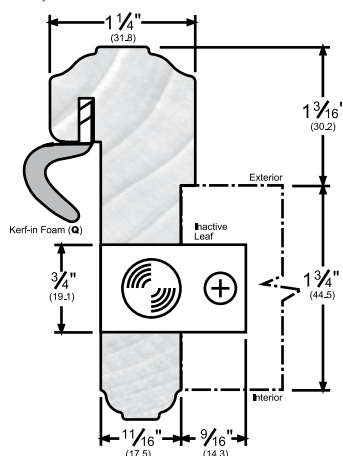
Special finishes available upon request Kerf Colors: **BL** (Black) **W** (White)

## Locking Wood Astragals

- Fir and Oak are clear, stain grade with no knots on visible surfaces
- 3481's** are supplied with a hardware kit including:  
Two (2) bright brass sliding type flush bolt assemblies

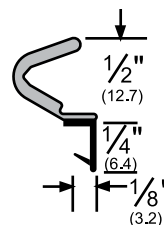
### 3481\_Q

AVAILABLE FINISHES:  
**FIR, OAK**



### Q108\_

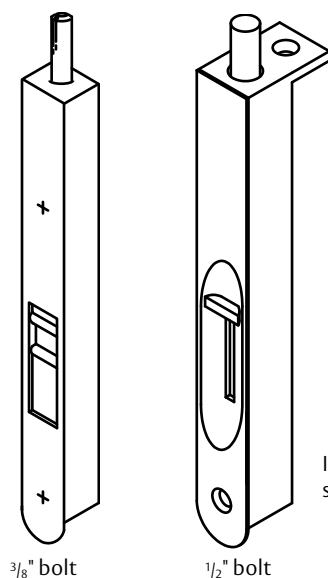
AVAILABLE FINISHES:  
**BL, W**  
**3481** available with **Q108**  
insert only upon request



### 3483FB

### 3481FB

- Flush bolt face plates for **3483FB** are 3/4" x 7".  
Face plates for **3481FB** are 3/4" x 6"
- A 3/4" x 9/16" x 1/8" notch at the top of the door is required for the flush bolt mounting flange on 3481FB
- Flush bolt assemblies for locking wood astragals can be purchased separately

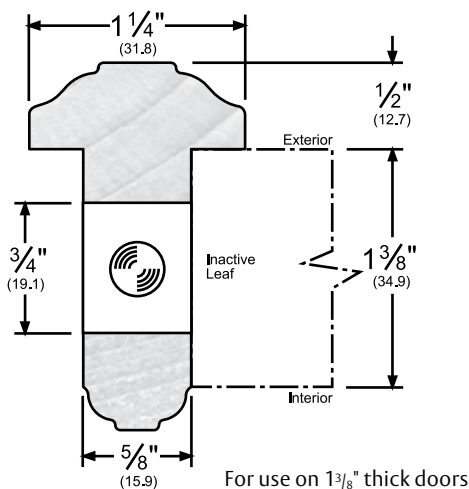


Illustrations not to scale.

### 3483\_ (0 flush bolts)

### 34831\_ (1 flush bolt)

AVAILABLE FINISHES:  
**FIR, OAK**



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
**FIR** (Natural Unfinished Fir) **OAK** (Natural Unfinished Oak)  
Kerf Colors: **BL** (Black) **W** (White)

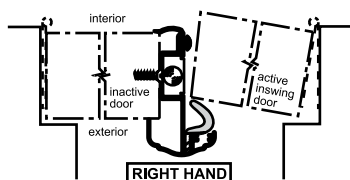
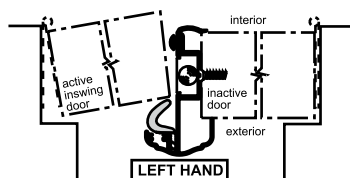


## Outswing Locking Astragals

- Weatherstripped astragals with locking spring bolts or slide bolts for 1 $\frac{3}{4}$ " outswing double doors. Slide bolts are 18" from the top/bottom for easier access
- Odd numbered astragals have economical smooth acting slide bolts. Even numbered astragals have locking spring bolts. Both have full  $\frac{3}{8}$ " diameter steel bolts with 1 $\frac{1}{16}$ " throw for improved locking strength. In the extended and locked position, locking spring bolts cannot be easily retracted by tampering. In the retracted position, the spring loaded bolts latch firmly, thus preventing marking of the floor and door header trim when opening or closing the inactive door
- All come with a Eco-V™ snap-in cover strip to conceal the cutout and to cover the mounting screws
- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt
- All styles come with a molded sponge neoprene bottom seal
- Each astragal comes complete with an installation kit and detailed instructions
- Specify punchout locations with your order
- Specify handing using the handing chart below

### Handing Chart For Astragals (For pages 179 thru 180)

- An astragal is handed by the hand of the active door. The hand of the active door is determined by the position of the hinges on the door, when viewed from the outside (the key side)



## Slimline Style

### Slimline style with slide bolt

3443\_S

REPLACEMENT INSERT:

S4 (BL, GR)

AVAILABLE FINISHES:

C, D, PW

3443 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3443\_S96L)

### Slimline style with locking spring bolt

3444\_S

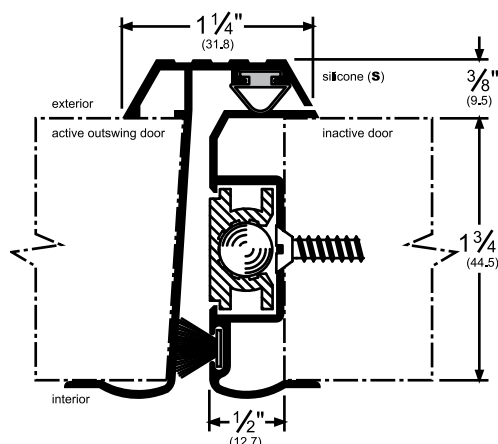
REPLACEMENT INSERT:

S4 (BL, GR)

AVAILABLE FINISHES:

C, D, PW

## Slimline Style



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)  
C (Clear Anodized) D (Dark Bronze Anodized) PW (White)