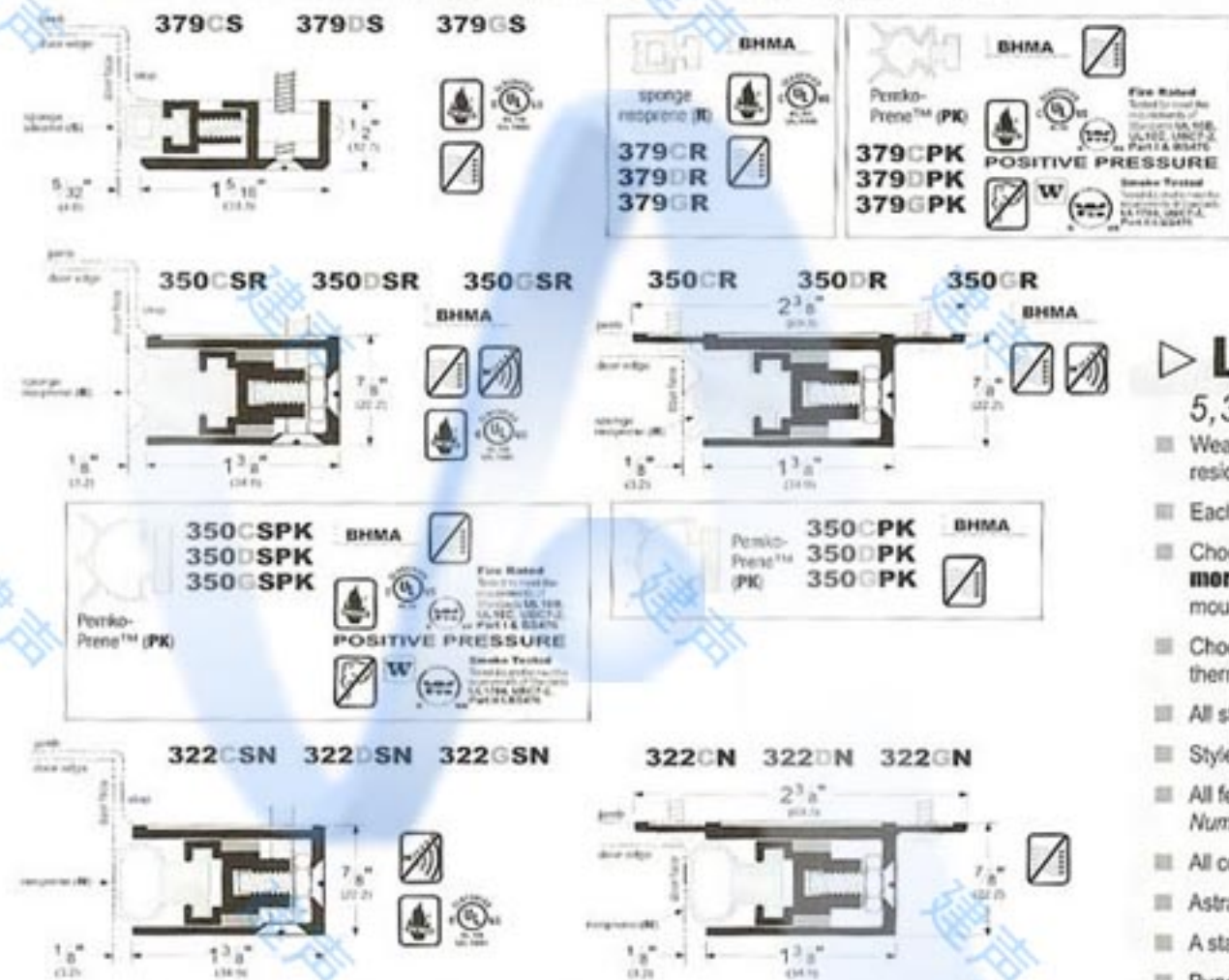


▷ Perimeter Gasketing and Astragals

▷ Adjustable Perimeter Gasketing

- Adjustable jamb weatherstrip is shown mounted on openings with 1/16" gaps; however, each weatherstrip can seal gaps up to 1/4". Adjustable jamb weatherstrip can adjust 3/16" out from the position illustrated.
- "R" is an extruded closed cell sponge neoprene insert. **R6130** class II grade C material.



Finish Designations: (pages 11-14)		Inserts: (pages 11-14)	
A	mill finish aluminum	F	felt
B	mill finish extruded bronze (brass)	M	kerf-in magnet
BGG	bright dip gold anodized aluminum	N	neoprene
C	clear anodized aluminum	NB	nylon brush
D	dark bronze anodized aluminum	P	pile
G	gold anodized aluminum	PK	PemkoPrene™
PW	painted white color aluminum	Q	kerf-in foam
SP	galvanealed steel	R	sponge neoprene
SS	see individual part for finish	S	SiliconSeal™
		V	vinyl

Please refer to the listings under each product for stocked finishes. See page 2 for a complete list of all Pemko stocked and non-stocked finishes. Consult the factory for the price and availability of non-stocked finishes.

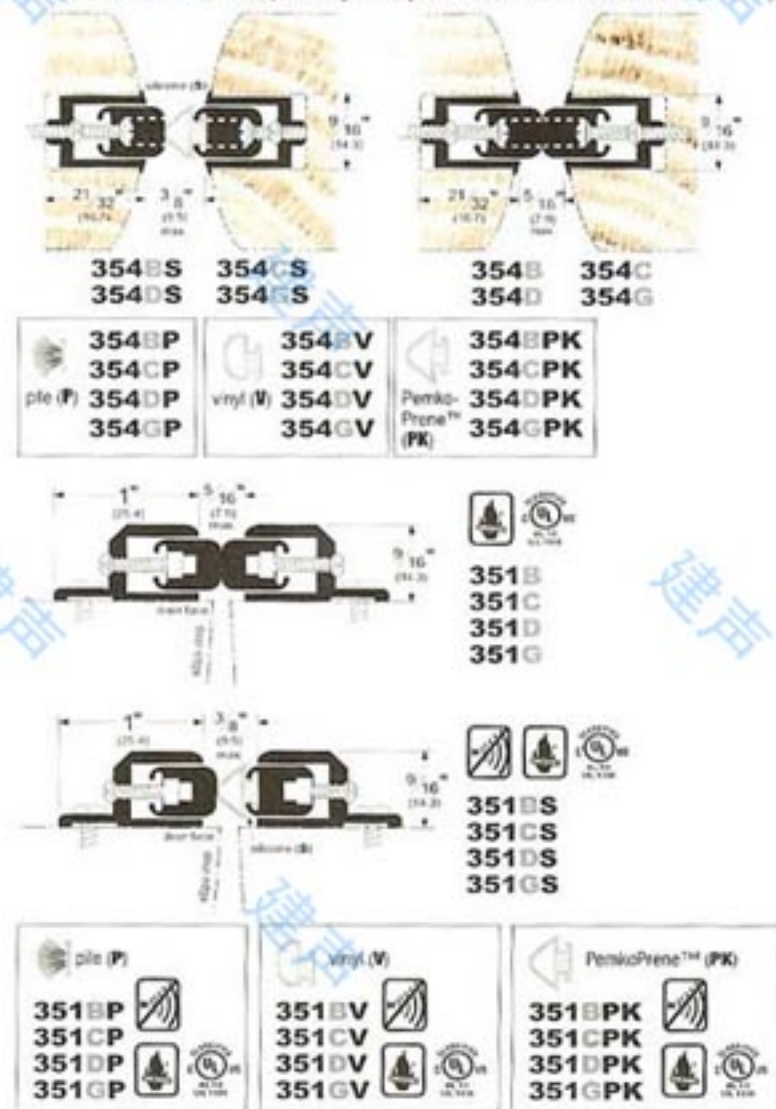
▷ Locking Astragals – U.S. Patent Number 5,350,207 and Patent Number 5,328,217

- Weatherstripped astragals with locking spring bolts or slide bolts for 1-3/4" and 1-3/8" residential and office suite inswing double entrance doors.
- Each astragal comes complete with an installation kit and detailed instructions.
- Choose from two mounting options: The **3491** and **3492** are specifically designed for a mortised door (door edge must be grooved to fit the astragal). All others can be surface mounted on a square door edge.
- Choose from five style options: mortise, slimline, 1-3/8" interior, colonial and colonial with thermal break.
- All styles come with pile seal at inner door edge.
- Styles **3493** thru **3498** come with a molded sponge neoprene bottom seal.
- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt (U.S. Patent Number 5,328,217).
- All come with a vinyl 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 3/4" by 4" at 40° on center.
- Punchout supplied on request only.
- For non-stock astragals, specify deadbolt punchout size and center distance from top end.

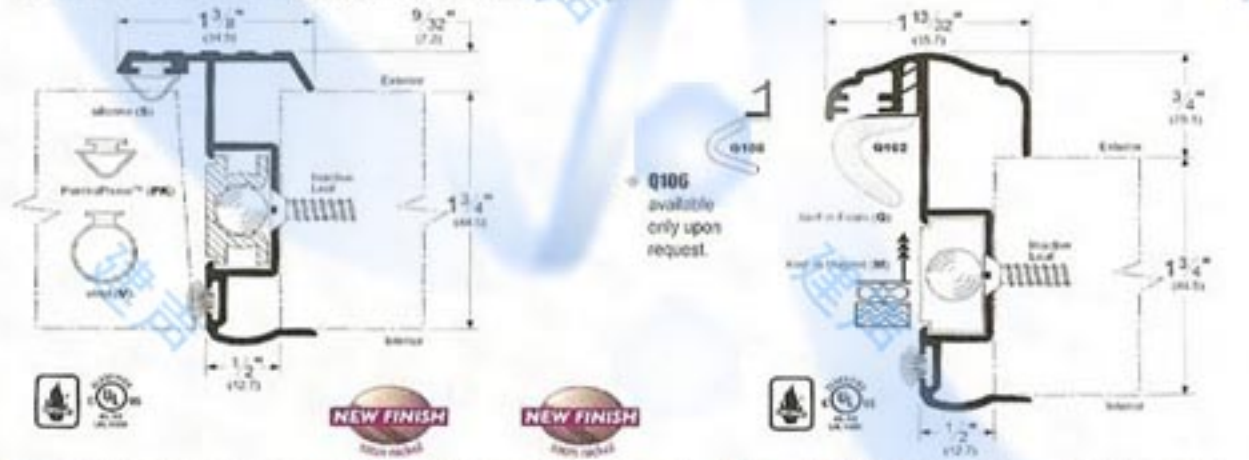
▷ Adjustable Astragals

- When used as split astragals on double doors, two lengths must be ordered: one for each door.
- Available in 84", 96" and 120" lengths.
- 351** is surface applied; **354** is full-mortise applied.

NOTE: 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 below.



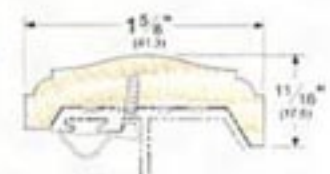
- The mortise and slimline styles are available with a vinyl bulb (V) insert, PemkoPrene™ (PK) insert, or SiliconSeal™ (S) insert. The colonial styles are available with Q102 or Q106 kerf-in foam (Q) insert or kerf-in magnetic (M) insert.
- Choose from two locking options: Odd numbered astragals have economical smooth acting slide bolts. Slide-bolts are now 18 inches from the top / bottom for easier access. Even numbered astragals have locking spring bolts. Both have full 3/8" diameter steel bolts with 1-1/16" 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.



Style	Model	Model	Model	Model	Model
Slimline style with slide bolt	3493BDGPK	3493BDGS	3493BDGV	Colonial style with slide bolt	3495BDGM
	3493CPK	3493CS	3493CV		3495BDGQ
	3493DPK	3493DS	3493DV		3495CM
	3493GPK	3493GS	3493GV		3495DM
	3493PWPK	3493PWS	3493PWV		3495GM
Slimline style with locking spring bolt	3494BDGPK	3494BDGS	3494BDGV	Colonial style with locking spring bolt	3496BDGM
	3494CPK	3494CS	3494CV		3496BDGQ
	3494DPK	3494DS	3494DV		3496CM
	3494GPK	3494GS	3494GV		3496DM
	3494PWPK	3494PWS	3494PWV		3496GM
	3494SNS	3494SNV		3496PWS	

Oak Fascia

- Available in 96" length only; shorter lengths are invoiced at 96".
- An excellent alternative to locking wood astragals (such as **3481**), the oak fascia attaches to the face of **3493 / 3494** locking metal astragals, providing a warm aesthetic appearance while utilizing the mechanical advantages of the locking metal astragals.
- The oak fascia is attached to the face of the **3487 / 3488** and **3493 / 3494** using double-faced adhesive tape as well as wood screws.
- The oak fascia is supplied unfinished, to allow for custom matching.



OAK349-96

▷ Astragals and Meeting Stiles

▷ Split Astragals and Meeting Stile Gasketing

- Astragals and meeting stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, 2-3.1.7 "The clearance between...the meeting edges of doors swinging in pairs on the pull side shall be 1/8" ± 1/16" (3.18mm ± 1.59mm) for steel doors and shall not exceed 1/8" (3.18mm) for wood doors."
- Most are punched with slotted holes for adjustment.
- All clear anodized brush products are supplied with gray brush (available with black brush upon request). Other finishes supplied with black brush.

297AS
297BDGS
297DS
297GS
297PWS
297SNS

303AS
303BDGS
303DS
303GS
303PWS
303SNS

29310CS
29310DS
29310GS

297APK
297BDGPK
297DPK
297GPK
297PWPK
297SNPK

297AV
297BDGV
297DV
297GV
297PWV
297SNV
297SNV

303APK
303BDGPK
303DPK
303GPK
303PWPK
303SNPK

303AV
303BDGV
303DV
303GV
303PWV
303SNV

29310CPK
29310DPK
29310GPK

29310CV
29310DV
29310GV

29310CP
29310DP
29310GP

305BN
305CN
305DN
305GN

18041CNB
18041DNB
18041GNB
18041SNNB

18061CNB
18061DNB
18061GNB
18061SNNB

313AN
313DN
313GN

314CN
314DN
314GN

358CN
358DN
358GN

A371P
A372P

1/4" pile
3/8" pile

369AV
369DV
369GV

369APK
369DPK
369GPK

369AS
369DS
369GS

369AP
369DP
369GP

310C
310D
310G
311CIN

◆ Pemko now offers a broad line of nylon brush weatherstripping (see page 11) including the **18062-NB** and **18100-NB**, which are suitable for split astragal applications.

▷ Offset Security Bar

318AV
318BDGV
318DV
318GV
318PWV

B71
SS71

300BP
300CP
300DP
300GP

3572SP
3572SPND

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.
Excellent for classroom doors opening onto exterior walkways (specified and approved by major school districts).
Available in 80", 84" and 96" lengths.
3572SP supplied drilled 12" on center with 1/4" holes.
3572SPND ("no drill") supplied undrilled.
Thru-bolts are included with or without drilling.

▷ Overlapping Astragals

356AV
356BDGV
356DV
356GV
356PWV
356SNV

352CR
352DR
352GR

355BS
355BDGS
355CS
355DS
355GS
355PWS
355SNS

355BP
355BDGP
355CP
355DP
355GP
355PWV
355SNP

355BV
355BDGV
355CV
355DV
355GV
355PWV
355SNV

357SP with S88
357SS with S88

Finish: #4 (Stainless Steel only)

357C
357G
357SS

357D
357SP

Finish: #4 (Stainless Steel only)

mil finish
extruded bronze (brass)

375BR
375DR
375GR

◆ If specifications state that an astragal is required to satisfy a fire and / or smoke rated opening, then a thru-bolled 357SP or SS in conjunction with S88 seal is the only configuration that can be used.

▷ Edge Sealing Products For Positive Pressure Door Systems

08724/PEM
BuyLine 5043

Pemko's intumescent and fire / smoke gasketing products have assisted numerous door and frame manufacturers in complying with the new stringent positive pressure standards UL10C and UBC7-2, Parts I and II, UBC7-2, Part I (for fire) and UBC7-2, Part II (for smoke).

- The new positive pressure building codes require stopping the passage of smoke, flames and hot gasses.
- Product categories include: **Hot Smoke Seal™ – Adhesive Backed and Kerf-In Intumescent, SiliconSeal™ – Adhesive Backed Fire / Smoke Gasketing, PemkoPrene™ and Adhesive Backed Fire / Smoke Gasketing** (shown in this section).
- Many fire rated door assemblies (currently listed for UL10B) can now be listed for positive pressure (UL10C) by using **Hot Smoke Seal™** in combination with **SiliconSeal™**. Consult individual door and / or frame manufacturers for specific listing information.

▷ HSS1000 and HSS2000 HOT SMOKE SEAL™

- Hot Smoke Seal™ is a chemically inert, highly stable, expandable graphite strip.
- Hot Smoke Seal™ is tested and proven in positive pressure conditions to withstand both hot smoke and hot gasses, resulting in the longer integrity of a door assembly.
- Hot Smoke Seal™ is more economical to use than specially modified doors in "tested assembly only" classifications.
- Hot Smoke Seal™ can be painted to blend in with the finish of a frame.

- Hot Smoke Seal™ is not affected by moisture and will not break down like fiber or cellulose based products.
- Hot Smoke Seal™ does not require periodic after market field inspections.

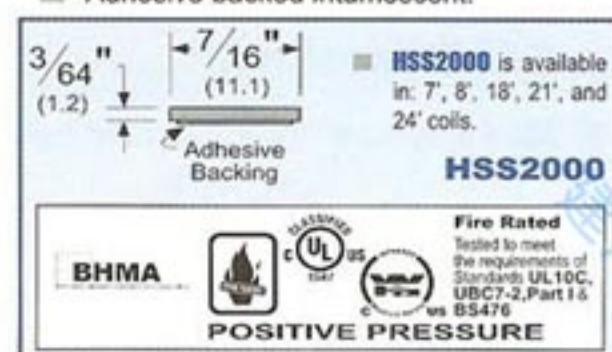
▷ HSS1000 Hot Smoke Seal™

- Non-adhesive backed intumescent.



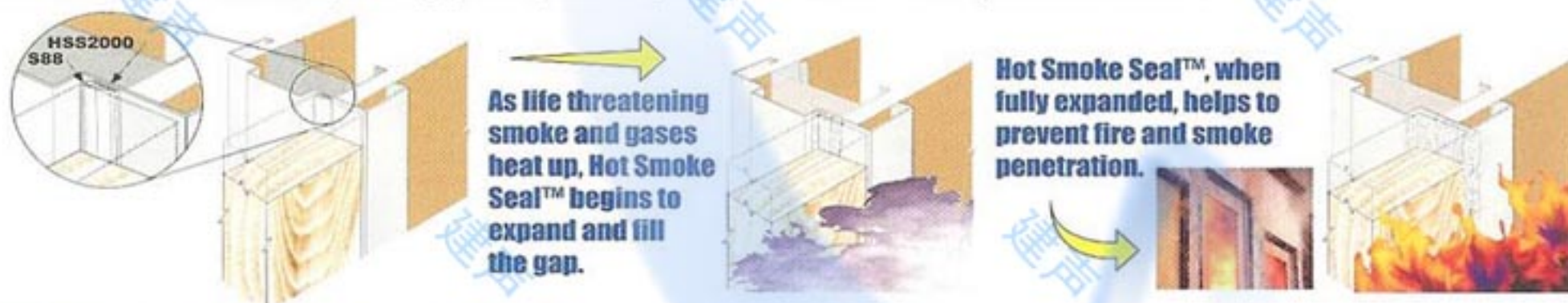
▷ HSS2000 Hot Smoke Seal™

- Adhesive backed intumescent.



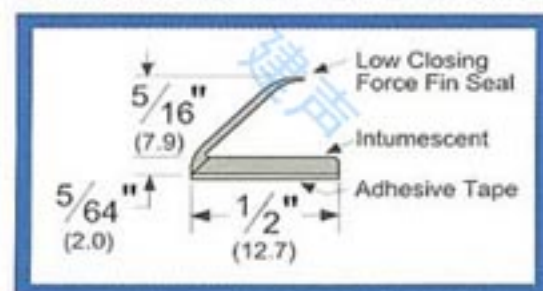
▷ How does Hot Smoke Seal™ work?

- Positive pressure testing shows that many assemblies require two kinds of door seals:
 - A seal that helps prevent the flow of smoke and flames at ambient temperatures.
 - A seal that does the same at elevated temperatures.
- Pemko has a superior line of door seals to help prevent smoke and flame passage at temperatures up to 800° F.
- Pemko's **HSS1000** and **HSS2000** expandable graphite strip starts filling the gap around a door once temperatures reach 250° F.



▷ NEW Smoke Fire Gasket SFG45

One trip to the door is all you need to satisfy UL10C, NFPA-80, UBC7-2, with half the installation cost, and the assurance of the tested and labeled leader, Pemko, to cover your Positive Pressure requirements. SFG45 is designed for use with wood doors with wood frames or wood doors with metal frames



The new SFG45 Smoke and Fire Gasket is 45 minute rated by UL and ITS. SFG45 is listed and labeled for Category "G" Edge Seal and Category "H" Smoke and Draft Control Gasketing. It is made of thermoplastic with silicone coating, combined with high grade graphite intumescent with aggressive adhesive backing. Available in standard head and jamb lengths in white and black.

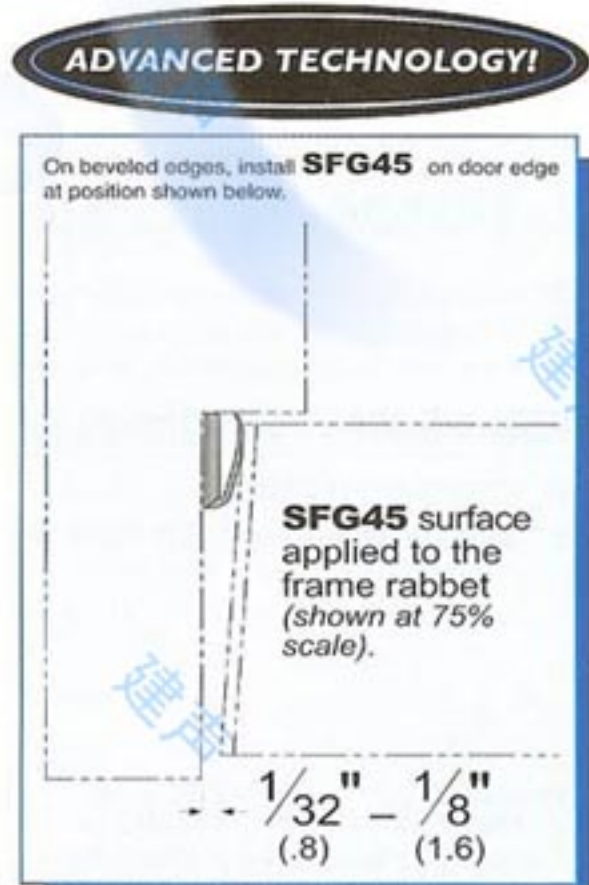
SFG45BL (black)
SFG45W (white)



- SFG45 should not be used with square edge doors.
- SFG45 is a highly stable door seal with an expandable graphite strip.
- SFG45 is tested and proven in positive pressure conditions to withstand both hot smoke and hot gasses, resulting in the longer integrity of a door assembly.
- SFG45 will not degrade from carbon dioxide and ozone like the many intumescent materials being offered by other manufacturers.
- SFG45 is not affected by moisture and will not break down like fiber or cellulose based products.
- SFG45 does not require periodic after market field inspections.
- SFG45 has excellent profile memory for shape retention and greater product lifespan. Excellent acoustic properties.
- Internationally recognized Pyroplex SAFEX 12S is now marketed in America as Pemko SFG45.

REDDIPLEX PYROPLEX®

Pyroplex® door products – a division of Reddiplex Group PLC – are distributed exclusively by Pemko in North America.

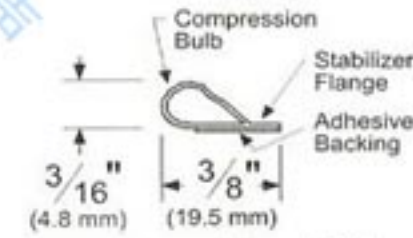


Edge Sealing Products for Positive Pressure

PemkoPrene™ - Adhesive Backed Fire / Smoke Gasketing

PK33 PemkoPrene™

PK33 is designed for tighter frames and demonstrates extremely low closing force.



- PK33BL (black)
- PK33D (dark bronze)
- PK33W (white)

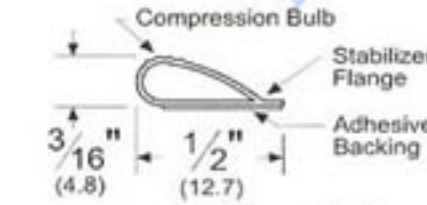
PK33 is available in: 17', 20', 21', 25' and 510' coils.



ADVANCED TECHNOLOGY!

PK55 PemkoPrene™

PK55 is designed for tighter frames and demonstrates extremely low closing force.



- PK55BL (black)
- PK55D (dark bronze)
- PK55W (white)

PK55 is available in: 17', 20', 21', 25' and 510' coils.

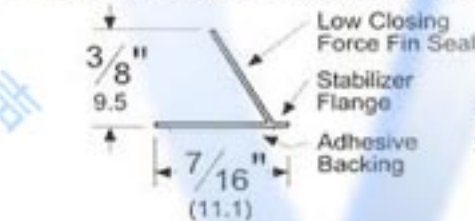


ADVANCED TECHNOLOGY!

SiliconSeal™ - Adhesive Backed Fire / Smoke Gasketing

S44 SiliconSeal™

S44 is designed for tighter frames and demonstrates extremely low closing force.



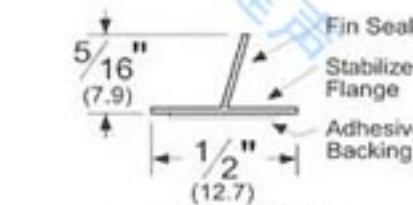
- S44D (dark bronze)
- S44W (white)

ADVANCED TECHNOLOGY!

S44 is available in: 17', 20', 21', 25' and 510' coils.



S77 SiliconSeal™



- S77C (clear)
- S77D (dark bronze)
- S77W (white)

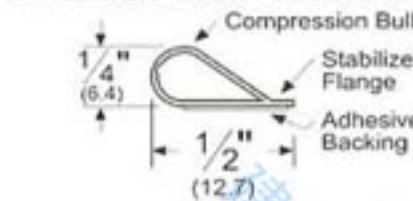
ADVANCED TECHNOLOGY!

S77 is available in: 7', 9', 17', 20', 21' and 25' coils.



S88 SiliconSeal™

S88 is air infiltration tested.



- S88BL (black)
- S88C (clear)
- S88D (dark bronze)
- S88TAN (beige)
- S88W (white)

ADVANCED TECHNOLOGY!

S88 is available in: 17', 20', 21', 25', 30', 204' and 510' coils.



FG3000 - Fire Glazing Tape

- In 20, 45, 60 and 90 minute rated wood and hollow metal doors with metal vision frames, the use of **FG3000** allows for much larger vision lites.
- In 20 and 45 minute rated hollow metal screens the use of **FG3000** allows for much larger side lites, borrowed lites and glass transoms.
- For exterior fire rated applications, seal against moisture using standard industry methods.

FG3000S45 / FG3000S90 Fire Glazing Tape

- FG3000S45 / FG3000S90** are specially formulated high performance glazing tapes.
- Maximum wood door size with FG3000S45 / FG3000S90:**
= 48" x 96" single and / or pairs approved.



- FG3000S45-7 FG3000S45-8
- FG3000S45-14 FG3000S45-16

In test after test for positive pressure, **FG3000S45** has successfully passed 20 minutes (with hose stream) and 45 minutes on wood and metal doors with vision lites installed.

ADVANCED TECHNOLOGY!

- Maximum hollow metal door size with FG3000S45 / FG3000S90:**
= 48" x 120" single and / or pairs approved.
- Verify all applications with your door and / or frame manufacturer.



- FG3000S90-8 FG3000S90-16

In test after test for positive pressure, **FG3000S90** has successfully passed 90 minutes on wood and metal doors with vision lites installed.

ADVANCED TECHNOLOGY!