

**From start  
to finish,  
we're here  
when you  
need us.**



**Phone (800) 328-0953  
Fax (800) 334-8823  
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[info@reeseusa.com](mailto:info@reeseusa.com)**

## GENERAL INFORMATION

All Reese products comply with the Buy American Act (BAA) and the American Reinvestment and Recovery Act (ARRA).



**FIRE RATED** — UL10B Tested. See page 5.



**POSITIVE PRESSURE** — UL10C Positive Pressure Test. See page 5.



**SMOKE AND DRAFT CONTROL TEST** — Category H Listed, UL-1784. For use on “S” labeled doors. See page 6.



**SOUND TEST** — ASTM standard E90-75. See page 7.



**AIR INFILTRATION TEST** — E283-73 AND SDI 116 Air. See page 7.



**EDGE SEAL TESTED** — UL10C Category G. See page 29.



**ADA COMPLIANT THRESHOLDS** — These thresholds have less than 1/4” vertical rise, beveled rise slope no greater than 1:2 up to 1/2”, and ramps with slope less than 1:12. They meet ANSI spec. A117.1.

## MATERIAL DESIGNATIONS

**A** — Mill finish aluminum

**B** — Architectural brass

**BLK** — Black anodized aluminum

**C** — Clear anodized aluminum

**D** — Dark bronze anodized aluminum

**G** — Gold anodized

**SS** — Stainless steel

**V** — Vinyl insert

**N** — Neoprene insert

**U** — Polyurethane insert

**P** — Pile insert

**PR** — Polypropylene insert

**S** — Silicone insert

## Material Finishes

Aluminum extrusions shown are alloy 6063-T5. They are available in mill finish, clear, gold and duranodic bronze finish as noted.

Bronze extrusions are alloy 385 architectural bronze. They are furnished in mill finish, which is a light brass color.

Spring bronze weatherstrips are roll-formed from 85/15 red brass strip.

All vinyl weatherstrips are extruded from “cold weather” vinyl, which remains flexible down to -30°F and is in compliance with commercial standard CS230-60, as published by the U.S. Department of Commerce and ASTM D-2287-81.

Polyurethane is an ether-based elastomeric thermoplastic, resin especially developed for low temperature flexibility, abrasion resistance and durability. See page 23 for more attributes.

All expanded (sponge) neoprene is closed cell, and extruded with a tough outer skin for extra abrasion resistance or slitted without outer skin. It is black in color for maximum weatherability. See page 25 for more attributes.

Silicone rubber is a synthetic polymer able to withstand a wide range of temperature extremes. See page 24 for more attributes.

Polypropylene is a thermoplastic rubber compound developed by Reese that has excellent low temperature flexibility and weather resisting qualities. See page 24 for more attributes.

## c/c — Code Acceptability, Certification

All Reese products are guaranteed for two years against defects in material or workmanship. Defective goods will be replaced or repaired, at our option. No claims for damage incurred or work done thereon will be allowed. Reese does not assume liability for consequential damages or delays, and claims for labor will not be allowed.

## pp — Product Presentations

Product drawings in this catalog are full size cross-section profiles, unless noted, and are designed to illustrate the uses and applications of the products. Dimensions not shown may be obtained by scaling the drawings. Catalog illustrations are sufficiently accurate to use as templates.

## a/c — Availability, Costs

All products in this catalog are stocked for prompt shipment at our Rosemount, Minnesota plant. Catalogs and price lists are available from our plant.

**STANDARD SCREWS FURNISHED WITH THRESHOLDS:** No. 10 Phillips Flat Head Wood Screws in appropriate length.

**STANDARD SCREWS FURNISHED WITH WEATHERSTRIP:** 6 x 5/8” pan screws (furnished for most weatherstrips)

## Fire Rated Weatherstrips and Thresholds

All fire rated weatherstrips and thresholds listed on this page have been tested and have pass **THE POSITIVE PRESSURE REQUIREMENTS UL10C AND MEETS CAN4-S104-2010. CATEGORY J LISTED GASKETING.** UL rated materials cover the fire test of door assemblies for **UL10B**.



The "F" prefix designates that the product has been fire tested and that each piece has the UL label attached\*. Materials are not shipped with the UL label unless specified by ordering with the prefix "F-".

\*Fire rated labels at no extra charge

### WEATHERSTRIPS

<b><u>Adjustable Door Stop</u></b>	33, 59, 95, 99, 399, 599, 633, 659	Drawing on Page 28
<b><u>Astragal</u></b>	M35, DS75, 92, 93, 95P, 95V, 103, 129P, 129V, 203, 276, 678, 688, 792, 804, 807, 954, 955, 959, 961, 964, 967	Drawing on Page 32
<b><u>Hardware Compatible Perimeter Gasket</u></b>	653, 655, 657, 754, 755, 757, 758, 759, 775, 786, 854, 855, 856, 858, 859, 875	Drawing on Page 27
<b><u>Perimeter Seal</u></b>	39, 49, DS62, DS63, DS69, DS70, DS75, DS76, DS77, DS78, DS79, 93, DS106, 128V, 129P, 129V, 364, 373, 612, 619, 669, 678, 688, 769, 770, 778, 779, 788, 795, 804, 807, 815, 818, 822, 863, 884, 888, 918, 934, 954, 955, 956, 958, 959, 961, 962, 964, 965, 967, 968, 970, 973	Drawing on Page 23
<b><u>Self-Adhesive Weatherstrip</u></b>	588, 608, 628, 629, 631, 632, 638, 793, 797, 798	Drawing on Page 29

### DOOR BOTTOMS

<b><u>Automatic Door Bottom</u></b>	320, 321, 330, 370, 372, 430, 521, 933, 934	Drawing on Page 38
<b><u>Door Shoe/Extender</u></b>	DB591F, DB591U, DB592F, DB592U, DB593F, DB593U, DB594F, DB594U, DB595F, DB595U, DB596F, DB596U, DB600F, DB600U, 1030, 1031, 1032, 1033	Drawing on Page 37
<b><u>Door Sweep</u></b>	M15, M35, 64, 323, 353, 354, 362, 377, DB469, 602, 603, 701, 772, 773, 805, 806, 810, 825 954, 955, 960, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 973, 977, 978, 979, 984, 985, 986	Drawing on Page 36  Drawing on Page 30

### THRESHOLDS

<b><u>All Aluminum, Brass, and Stainless-Steel</u></b>	Drawing on Page 8-22
<b><u>Hospitality Thresholds</u></b>	Drawing on Page 41

#### UL 10 C – Category J Listed

Intended for application to/with listed steel frames and/or classified hollow metal or steel covered composite type fire doors rated up to 3 hours; wood composite and plastic covered type fire doors rated up to 1-1/2 hours; and wood core type 20 minutes.

#### UL 10 B

Intended for application to/with listed steel frames and/or classified hollow metal or steel covered composite type fire doors rated up to 3 hours; wood composite type fire doors rated up to 1-1/2 hours; and wood core type 20 minutes w/o hose stream.

## Smoke and Draft Control Gasketing

**For Use on ‘S’ Labeled Doors. Category H Listed Smoke and Draft Control Gasket. Complying with UL 1784 Standard for Air Leakage Tests of Door Assemblies and Other Openings Protectives. **

Tested for The Following Applications:

Wood Core Door Rated Up to 20 Minutes with Hose Stream		
Wood and Plastic Covered Composite Fire Doors Rated Up to 1-1/2 Hours		
Steel Covered Composite and Hollow-Metal Doors Rated Up to 3 Hours		
<b><u>Adjustable Door Stop</u></b>		
Neoprene	33, 59, 99, 399, 599	Drawing on Page 28
Silicone	633 and 659	Drawing on Page 28
<b><u>Astragal</u></b>		
Neoprene	93	Drawing on Page 32
Nylon Brush	959, 964, 967	Drawing on Page 33
Polyprene	92, 103, 792, 793(with 183), 797(with 183), 798(with 183)	Drawing on Page 32
Silicone	638(with 183)	Drawing on Page 32
Vinyl	M35	Drawing on Page 32
<b><u>Hardware Compatible Perimeter Seal</u></b>		
Neoprene	757	Drawing on Page 27
Polyprene	755 and 855	Drawing on Page 27
Polyurethane	775 and 875	Drawing on Page 27
Silicone	653, 655, 657	Drawing on Page 27
<b><u>Perimeter Seal</u></b>		
Neoprene	39, 49, DS69, DS70, DS76, DS77, DS78, DS79, 364, 373	Drawing on Page 25
Nylon Brush	918, 934, 956, 958, 959, 961, 964, 967	Drawing on Page 30
Polyprene	815 and 818	Drawing on Page 24
Polyurethane	769, 770, 778, 779, 788, 795	Drawing on Page 23
Silicone	612, 619, 669, 678, 688	Drawing on Page 24
<b><u>Self-Adhesive Perimeter Seal</u></b>		
Intumescent*	588	Drawing on Page 29
Polyprene	793, 797, 798	Drawing on Page 29
Silicone	638	Drawing on Page 29

\*588 Also Rated as Category G, Edge Sealing System. See Page 29 for More Information.

Note: Any UL 10C Classified Threshold, Automatic Door Bottom, Door Sweep, or Door Shoe May Be Installed (Although Not Required) on a ‘S’ Label Door Without Affecting the Label.



## AIR INFILTRATION TEST RESULTS

Tests conducted by a leading independent testing laboratory.

HEAD & JAMB	THRESHOLD	DOOR BOTTOM	25 MPH CFM RATING
DS62	NONE	321	.22
DS62	BOTTOM SEALED CLOSED		.13
DS70	S498A	NONE	.08
DS75	NONE	321	.25
DS75	BOTTOM SEAL CLOSED		.16
DS78	S498A	NONE	.13
DS79	S498A	330	.03
399	NONE	521	.23
599	NONE	521	.04
770	S498A	330	.03
797	NONE	321	.13
797	BOTTOM SEAL CLOSED		.02



## E283-73 and SDI 116 Air

### WEATHERSTRIPS SAVE ENERGY AND MONEY

In these energy conscious times, we understand that a door perimeter which leaks air, costs money. In addition, smoke can pose a life threatening hazard to anyone exposed.

Reese has tested many seal combinations to determine effectiveness against air and smoke infiltration. This was done in conformance with ASTM test procedure E283-73 and SDI 116, at a static pressure of 1.56 psf — the equivalent of a 25 mph wind. The results are shown on the chart at left.

## SOUND PROOFING TESTS

**Reese Enterprises, Inc.** offers a wide variety of proven soundproofing door seals. Used in conjunction with sound rated doors, they will provide you with the sound reduction you require. Below are results of test conducted by a leading acoustical testing laboratory.

### What is an STC Rating?

These letters stand for Sound Transmission Class — a single number rating devised by the American Society for Testing and Materials (ASTM). This rating provides the manufacturer or consumer with a measurement of the relative sound insulating performance of a barrier such as a wall, partition, or door and its seals, allowing performance ranking of competing products.

It is derived in accordance with exacting test procedures outlined on ASTM Standard E90-75. The specimen to be tested is mounted between two large reverberation rooms. These rooms are arranged and constructed so that the only significant sound transmission between them is through the test specimen. A sound signal, consisting of a series of eighteen 1/3 octave bands of random (pink) noise, is introduced into one room, called the source room. Then measurements are made to determine the Noise Reduction caused by the barrier — the source room sound level minus the receiving room sound level — at each



## ASTM Standard E90-75

test frequency. These noise reduction measurements are then mathematically converted to a Transmission Loss (TL) figure in decibels (dB) for each frequency band. The TL figures are then compared to standard ASTM STC reference contours (ASTM E313-73). These standard contours are designed to

correlate TL figures with overall subjective impressions of the sound insulation provided by a barrier against the sounds of speech, radio, television, music, and similar sources of noise typical in offices and dwellings. The STC rating is the highest contour where the sum of the deficiencies (that is the deviations below the reference contour) is not greater than 32dB and the maximum deficiency at any single test frequency is 8dB. The higher

the number, the greater the individual TL values of a barrier; consequently, the greater the sound insulation properties. It should be noted that this rating is a result of the average TL of many frequencies. If you have a noise control problem in just one frequency range, it would be better to look at individual TL values at that frequency range rather than just the STC rating when selecting products.

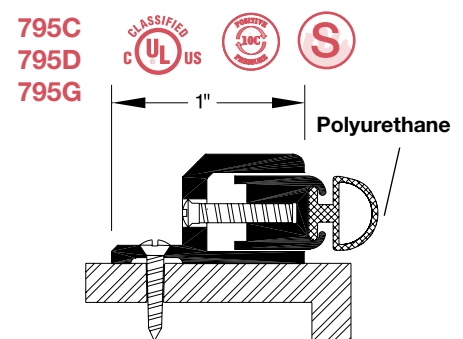
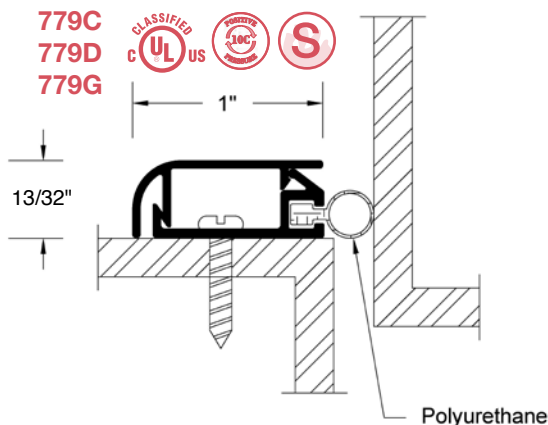
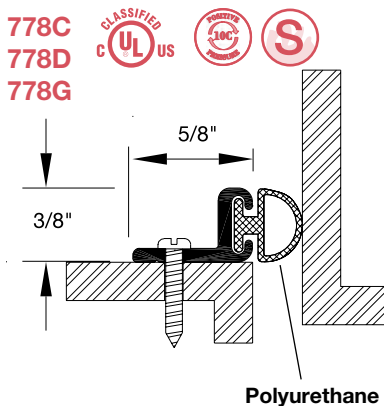
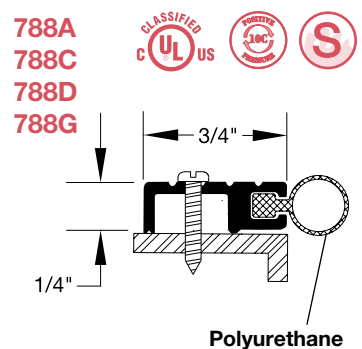
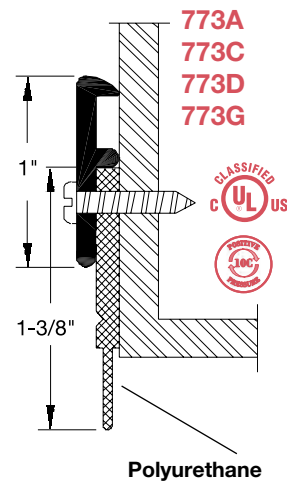
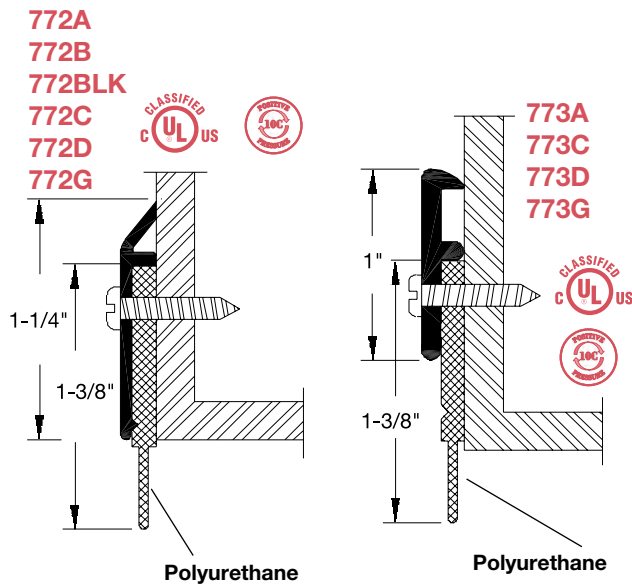
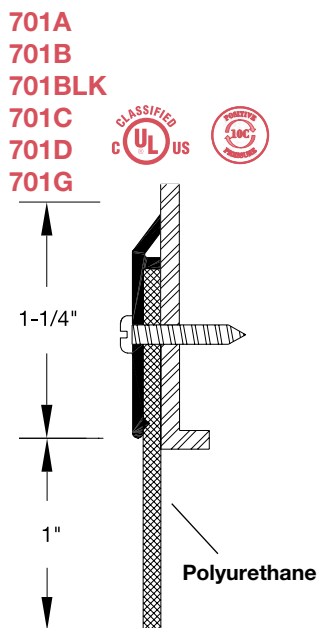
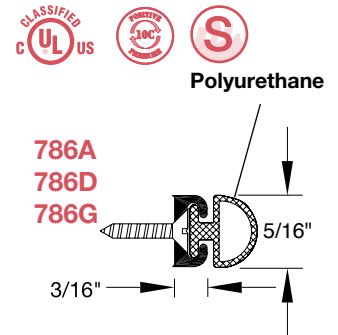
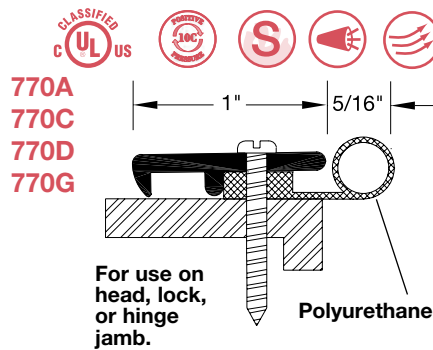
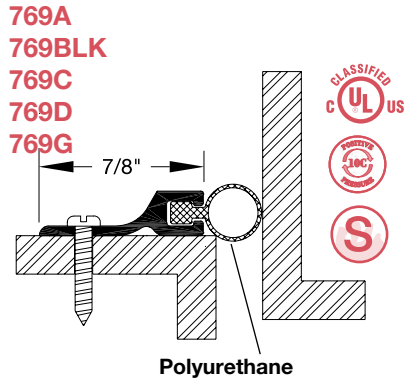
HEAD & JAMS STRIP	THRESHOLD	DOOR BOTTOM	DOOR CAULKED SHUT (Inoperable)	DOOR OPERABLE with REESE SEALS
599	None	521	STC 51	STC 46
599	S498A	330	STC 51	STC 45
99	None	330	STC 44	STC 37
770	None	330	STC 44	STC 37
DS79	S498A	330	STC 44	STC 41
792	None	321	STC 34	STC 28
793	None	321	STC 34	STC 28
797	None	321	STC 32	STC 28
DS75	None	321	STC 32	STC 29
DS70	None	320	STC 32	STC 28

## Polyurethane

Reese's exclusive polyurethane weatherstrips far exceed any other product on the market. Specify it for your next job.

With today's high maintenance and replacement costs, Reese Polyurethane Weatherstrips are the best choice, especially in high abuse areas such as schools or correctional institutions, dusty or abrasive environments, extremely cold locations or areas of high traffic.

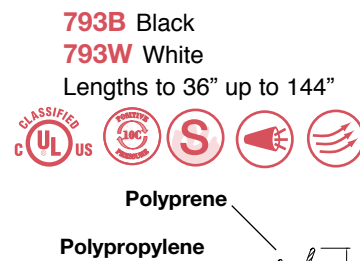
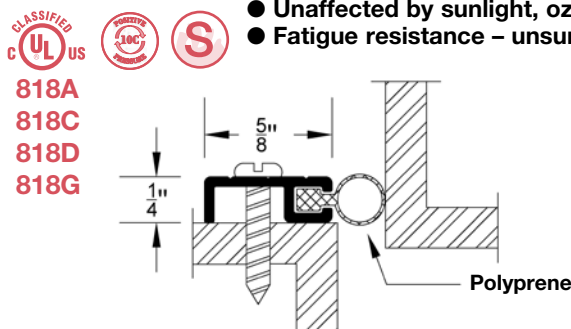
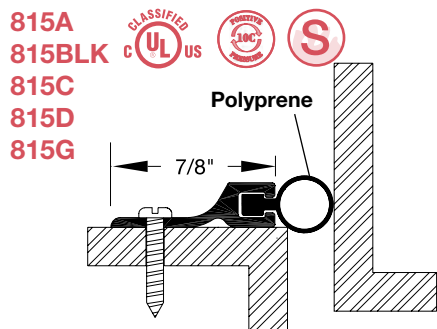
- 4 times the tear resistance, 40 times the tensile strength and nearly 100 times the abrasion resistance of silicone.
- Flexible to -58°F.
- Unaffected by ultraviolet light.
- Resistant to fungus and petroleum based solvents.
- Unaffected by Halon® fire extinguishant.



## Polyprene

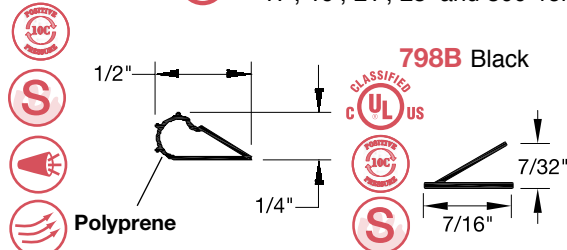
Polyprene®, a thermoplastic compound rubber, is a series of high-performance elastomers which combine the desirable characteristics of vulcanized rubber, such as flexibility and low compression set with the processing ease of thermoplastics.

- Withstands a wide variety of temperature extremes: remains stable and keeps its shape from -76°F to 250°F.
- Has soft, good low temperature flexibility.
- More wear resistant than silicone rubber.
- Low compression set – outstanding memory for consistent long-term sealing pressure.
- Unaffected by sunlight, ozone and ultraviolet rays.
- Fatigue resistance – unsurpassed flex fatigue resistance.

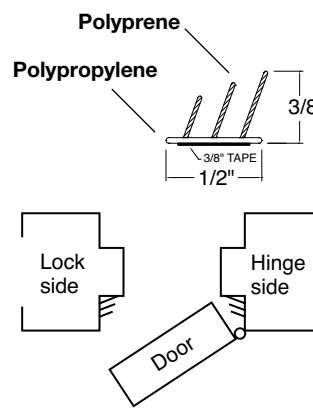
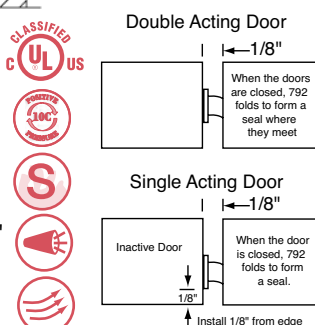
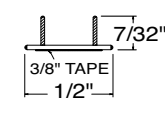


**797B** Black  
**797W** White

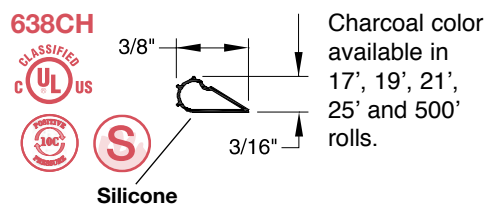
Note: 797 and 798 available in 17', 19', 21', 25' and 500' rolls.



**792B** Black  
Lengths:  
84" up to 108"



## Silicone

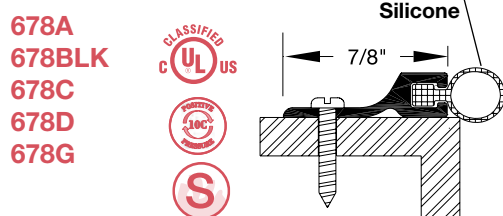
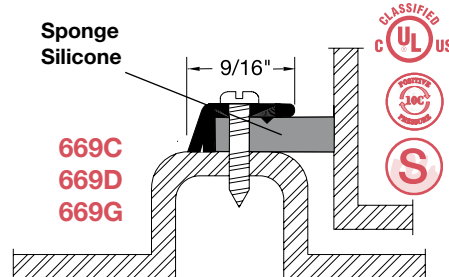
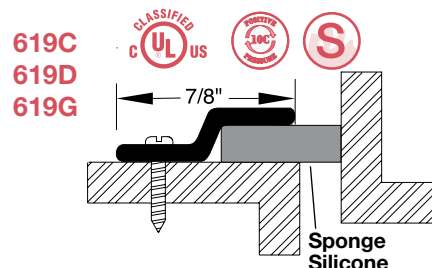
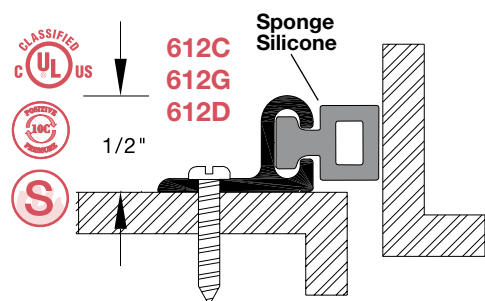


Charcoal color available in 17', 19', 21', 25' and 500' rolls.

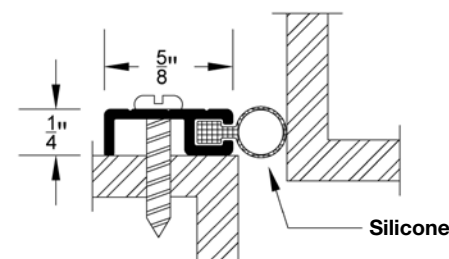
Silicone rubbers are synthetic polymers with unusual molecular structures; giant backbones of alternating silicon and oxygen atoms. This linkage is similar to that found in quartz, thus silicones have superior heat resistance compared to other elastomers.

- Withstands a wide variety of temperature extremes and remains flexible from -75°F to 400°F.
- Retains softness indefinitely – will not deteriorate under normal exposure.
- Resists compression set – lower than thermal plastic elastomers.
- Resists fungus, mildew, moisture and steam.
- Unaffected by sunlight, ozone and ultraviolet rays.
- Nontoxic.

Note: All self-adhesive weatherstrips must be applied on clean, dry frames between +50°F and +100°F. Smoke seals have a pre-installation shelf life of 6 to 9 months.



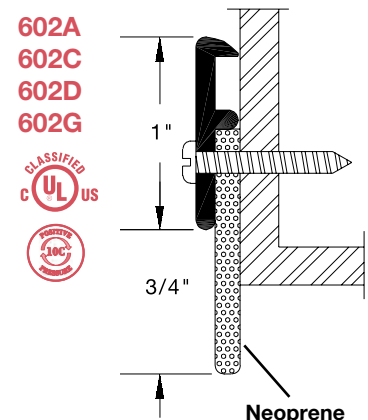
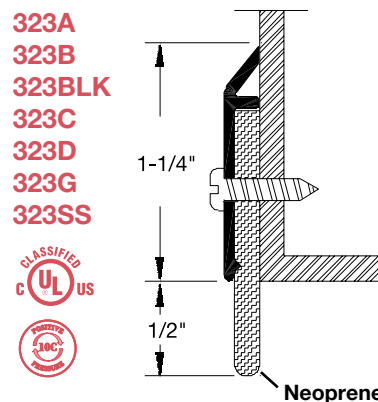
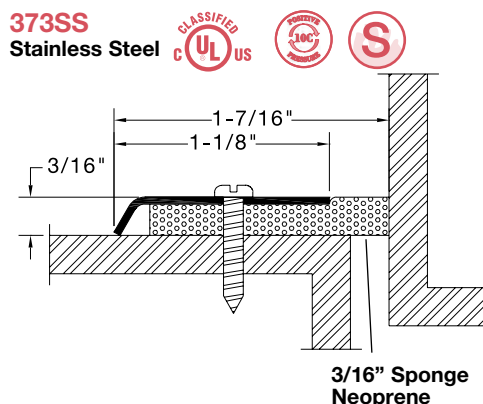
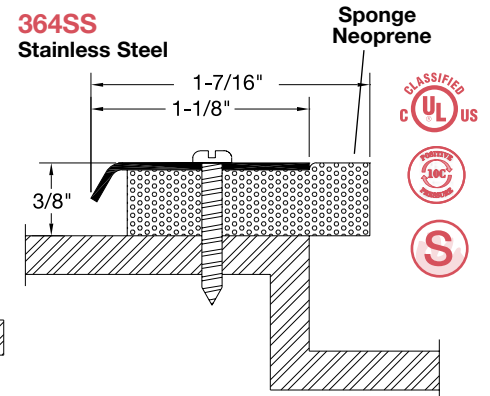
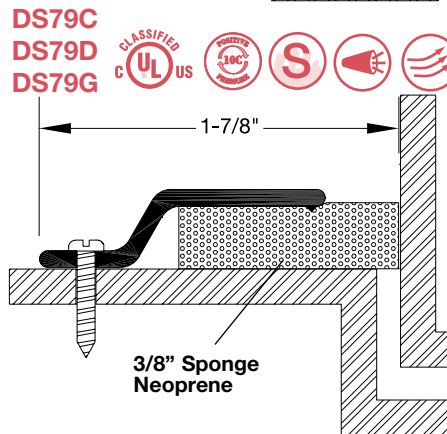
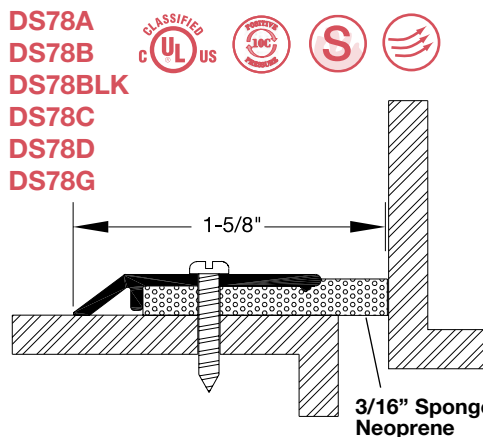
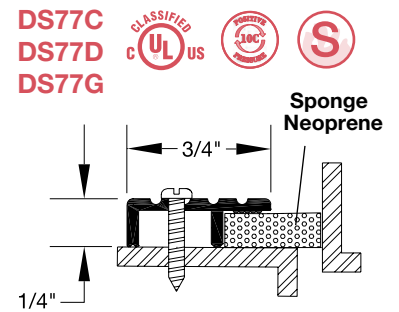
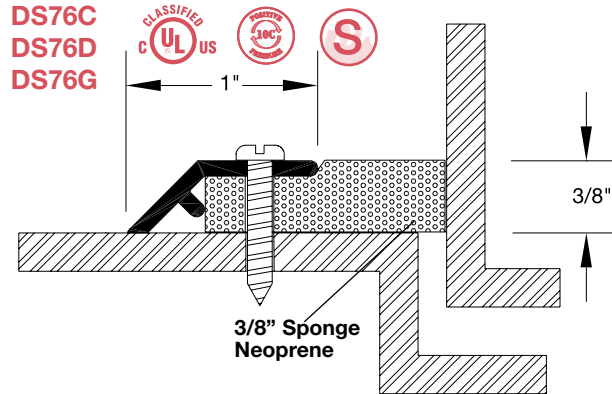
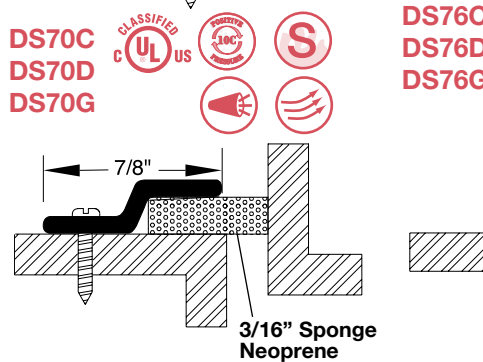
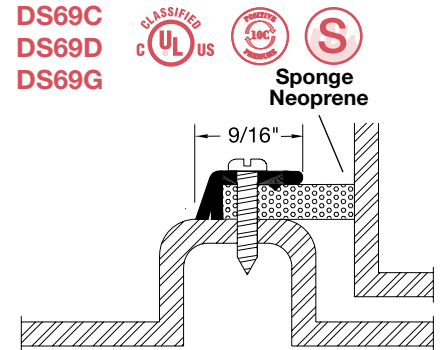
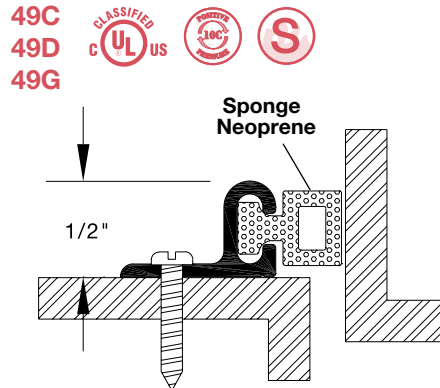
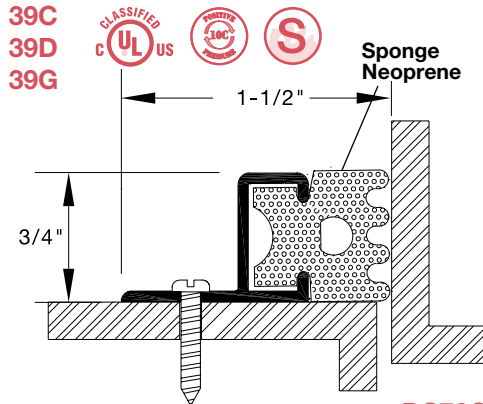
**688A**  
**688C**  
**688D**  
**688G**



## Neoprene

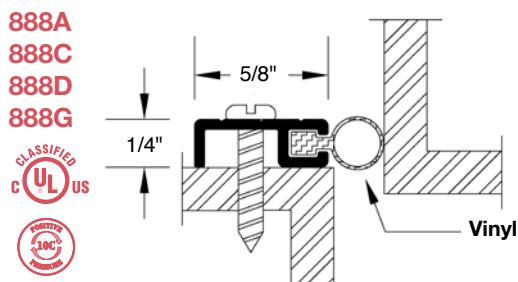
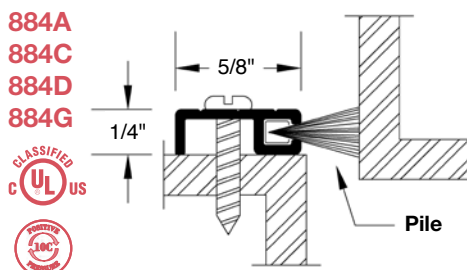
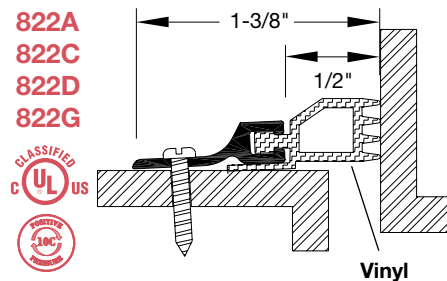
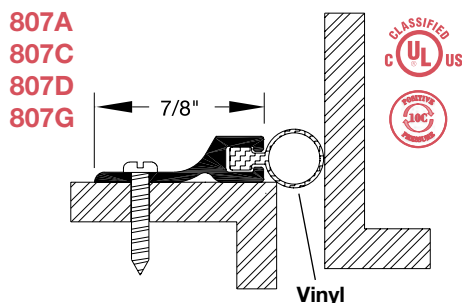
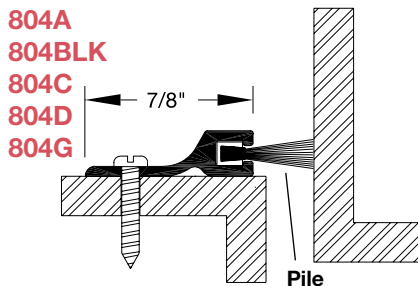
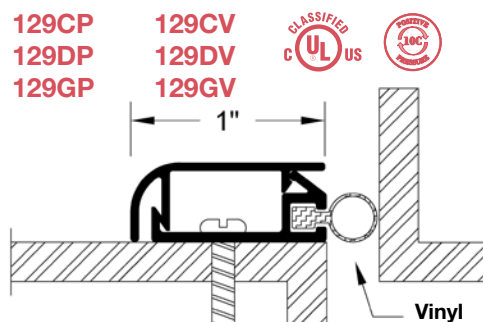
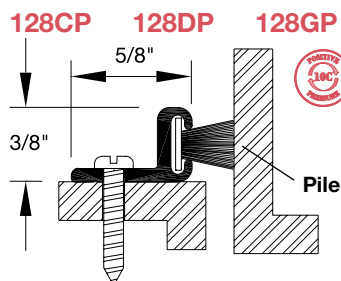
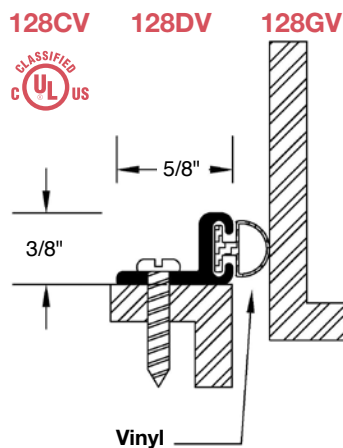
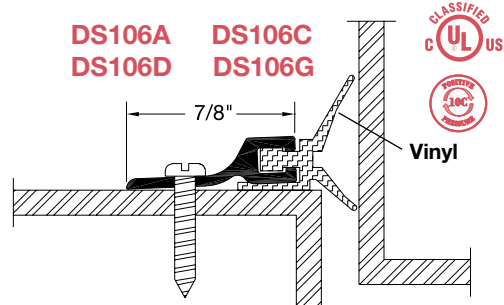
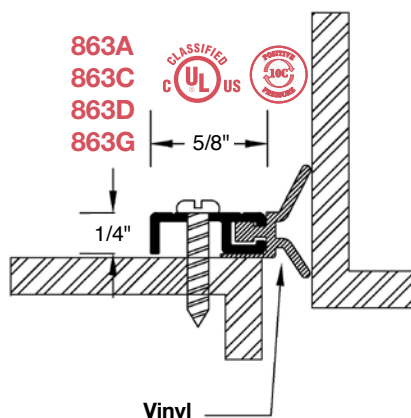
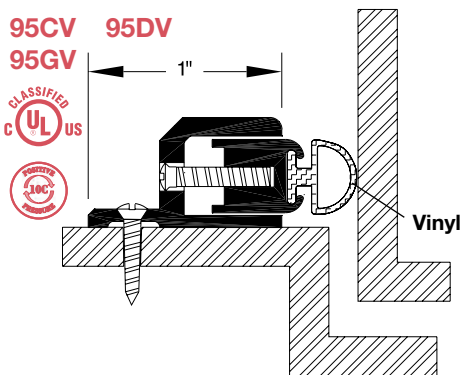
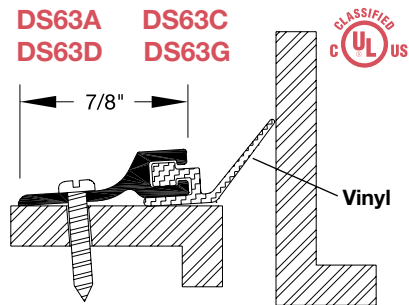
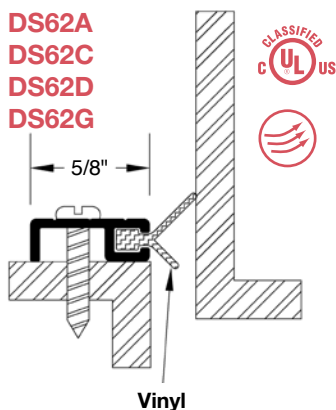
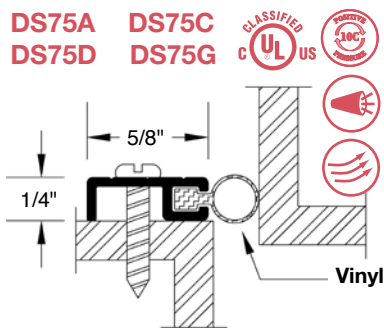
Sponge Neoprene is one of the most popular elastomers because it provides an all-purpose balance of properties.

- Withstands temperatures from -40°F to 200°F.
- Weathers well – resists ozone, sunlight and oxygen aging.
- Relatively low compression set – good resilience.
- Very good resistance to abrasion and flex cracking.

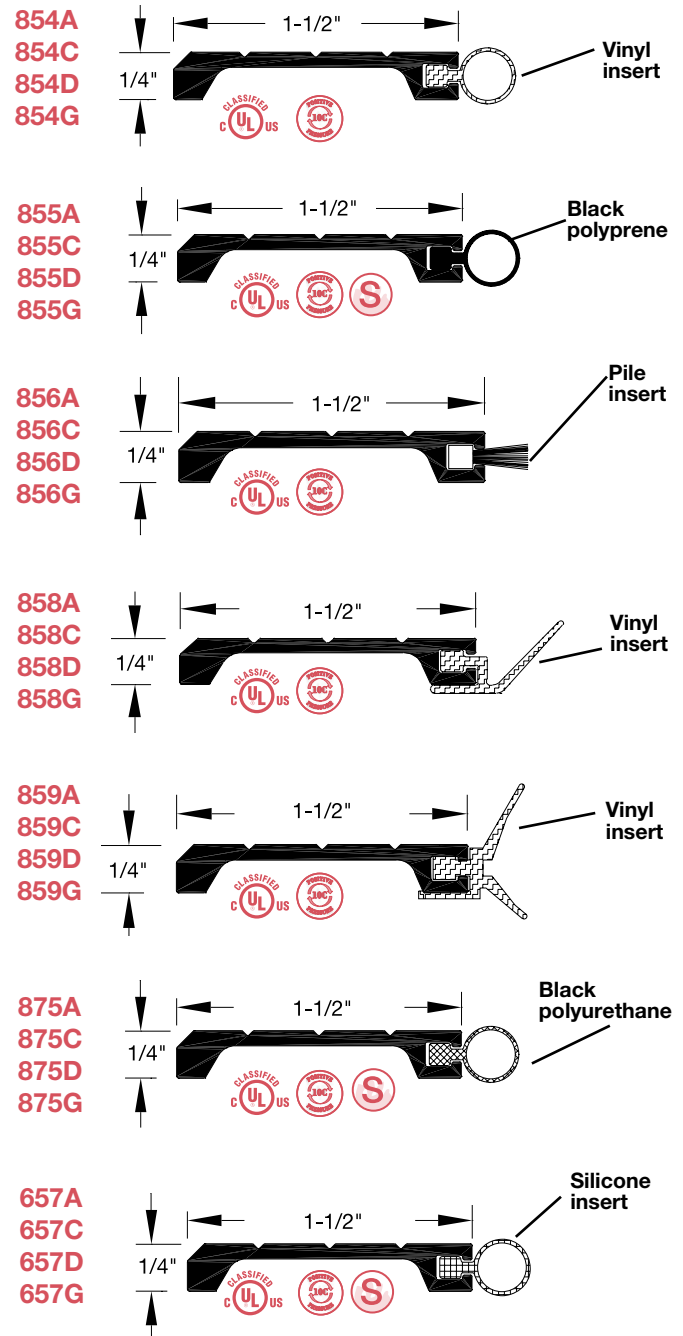
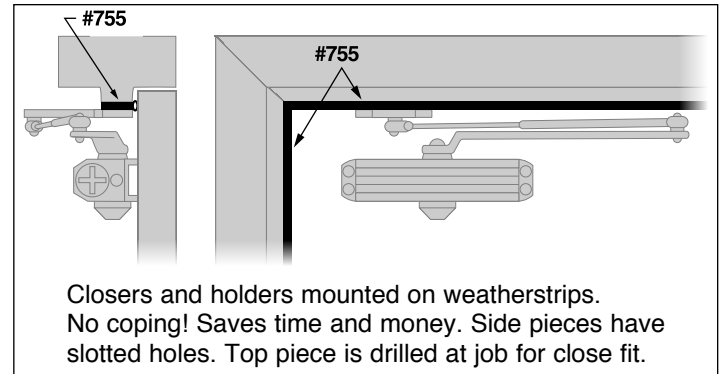
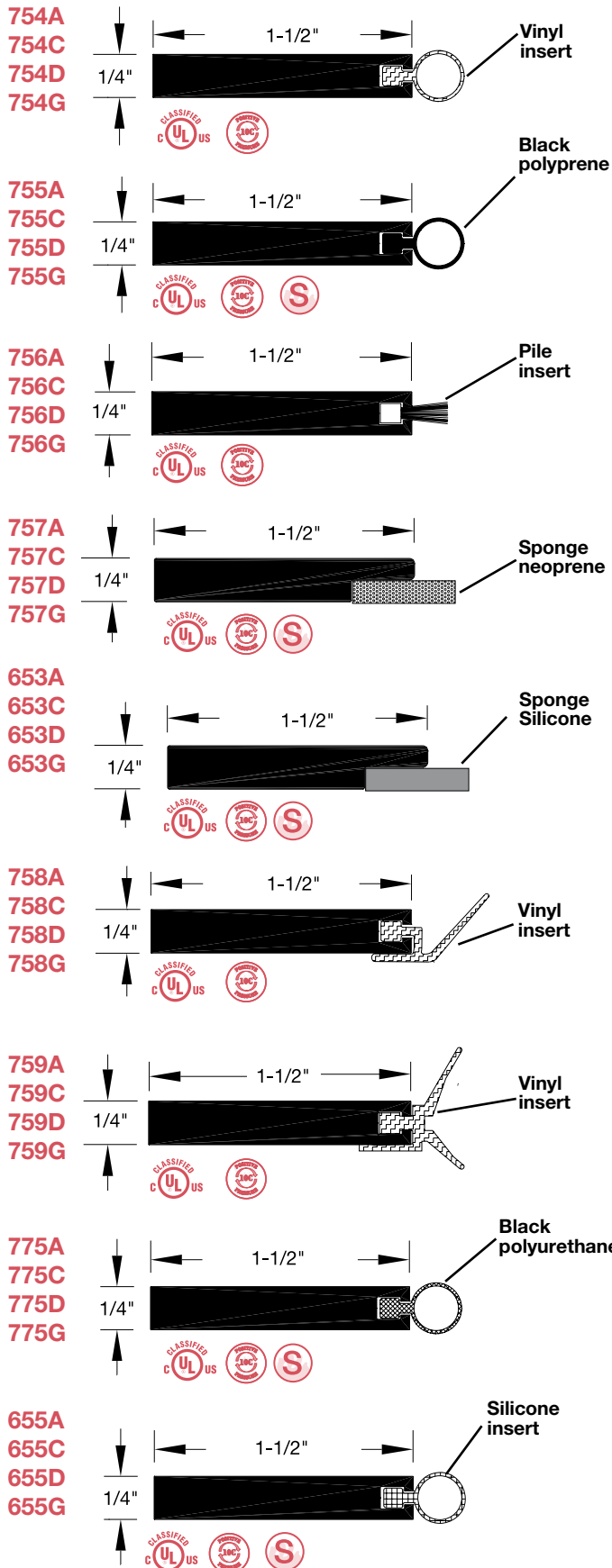




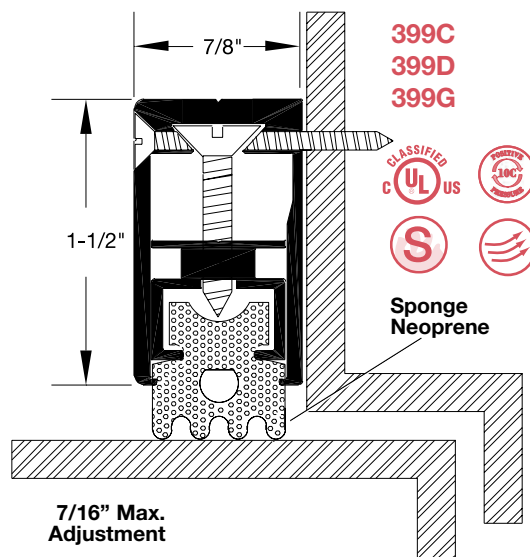
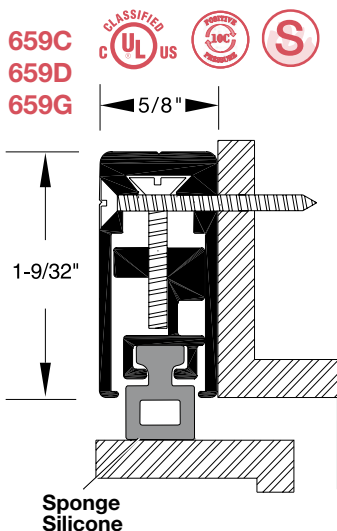
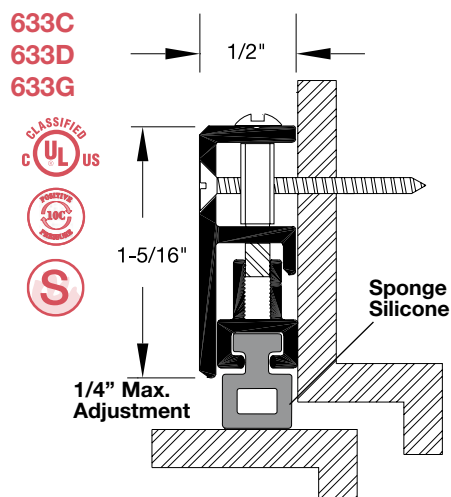
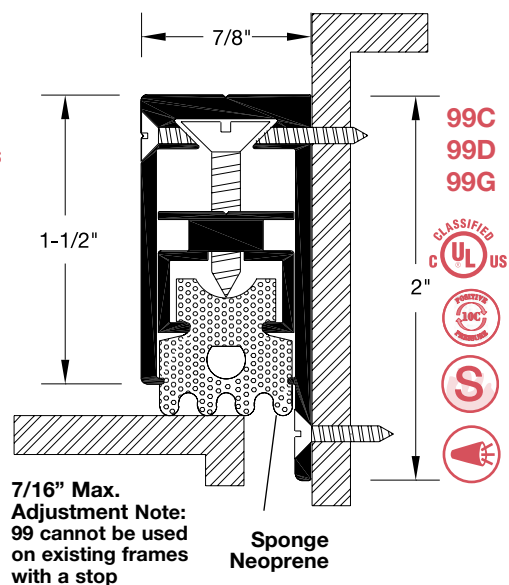
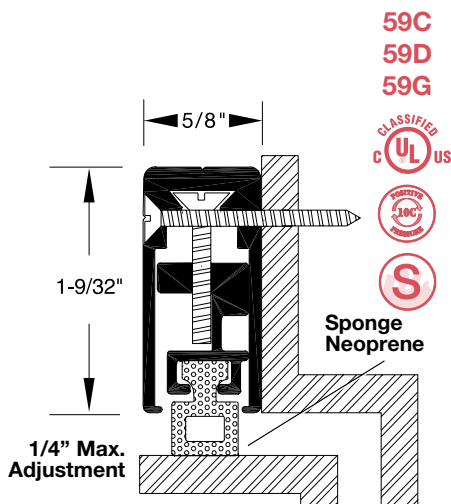
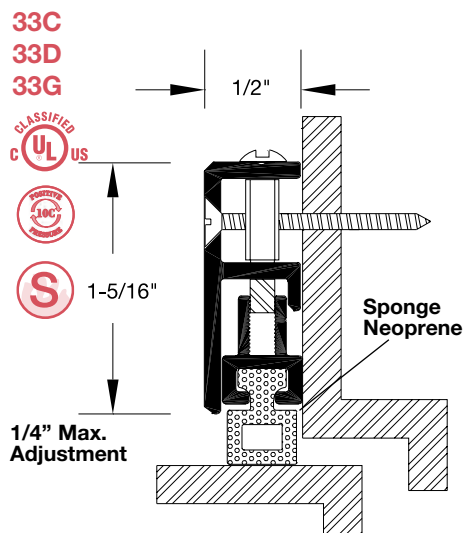
## Vinyl and Pile Weatherstrips



## Hardware Compatible Weatherstrips



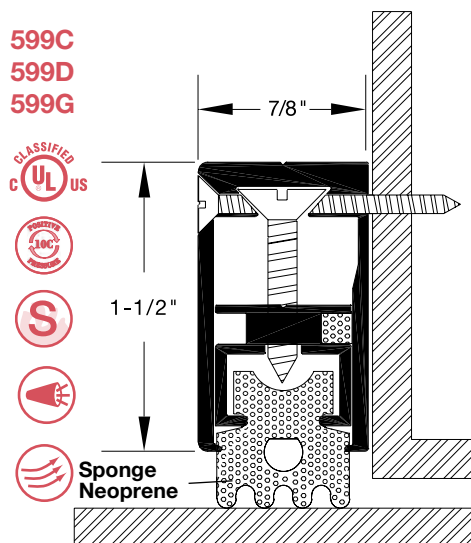
## Adjustable Door Stops



**PLEASE NOTE:** These products have been fire rated for use as perimeter seals only and shall not be used in lieu of an integral pressed steel stop on fire rated installations.

**For heavy duty use,** specify 59, 99, 399, or 599 which feature a captive adjustment screw drilled and tapped into the solid bar. One side of each piece mitered if ordered in sets.

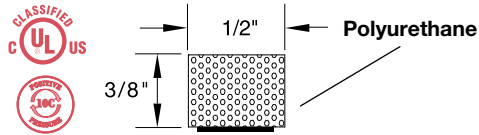
Where adjustable door stops are applied on top of existing stops, it is recommended that locks with 3-3/4" backsets be used rather than locks with a 2-3/4" backset. This allows adequate space between the door knob and the weatherstrip.



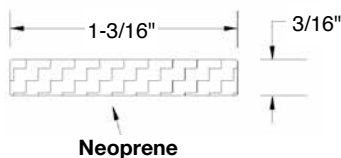
## Self Adhesive Strips

**Note:** All self adhesive weatherstrips must be applied on clean, dry frames between +50 degrees and +100 degrees F. Smoke seals have a pre-installation shelf life of 6 to 9 months.

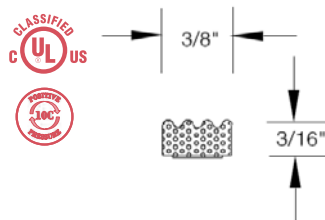
**608** — 3/8" x 1/2" x 25 ft.



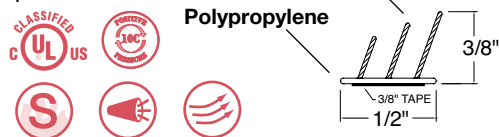
**628** — 1-3/16" x 3/16" x 96 in.



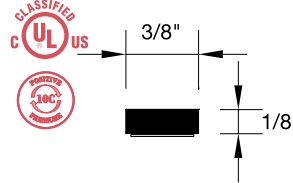
**629** — 3/16" x 3/8" x 50 ft.



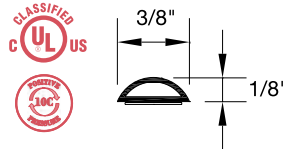
**793B** Black  
**793W** White  
Lengths to 36"  
up to 144"



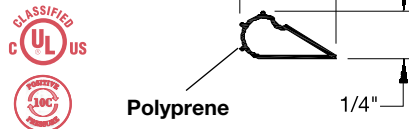
**631** — 1/8" x 3/8" x 50 ft.



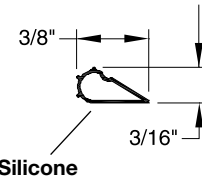
**632** — 1/8" x 3/8" x 100 ft.



**797B** Black  
**797W** White

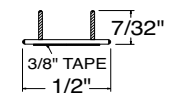


**638CH**

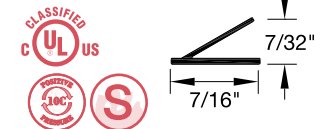


Charcoal color  
Available in 17', 19', 21', 25' and 500' rolls

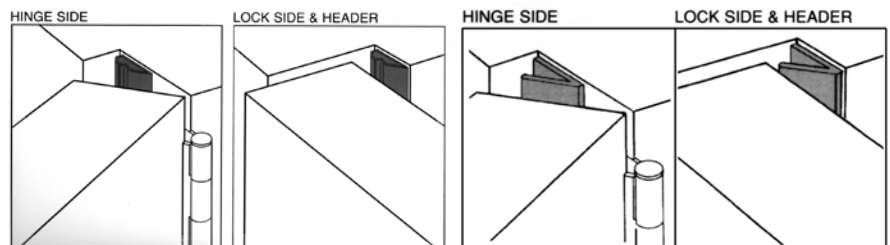
**792B** Black  
Lengths:  
84" up to 108"



**798B**  
Black Polypropylene



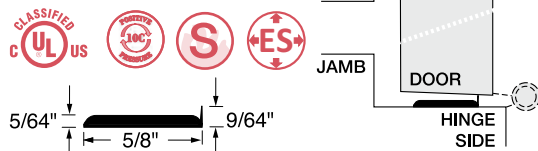
Available in 17', 19', 21', 25' and 500' rolls.



## Combined Edge Sealing Systems/Smoke and Draft Control Gasketing

Required for Category 'B' fire-rated doors to meet **EDGE SEAL** and '**S**' LABEL

**588CH** Charcoal  
**588D** Brown  
**588W** White



1/8" clearance required between door and frame

Approved for installation with:

Listed Wood Core Fire Doors with Wood or Steel Fire Door Frames rated 20 minutes (with hose stream)  
Listed Mineral Core Fire Doors and Steel Fire Door Frames rated 45, 60, 90 minutes

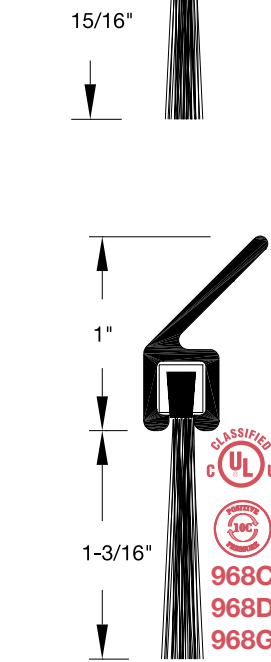
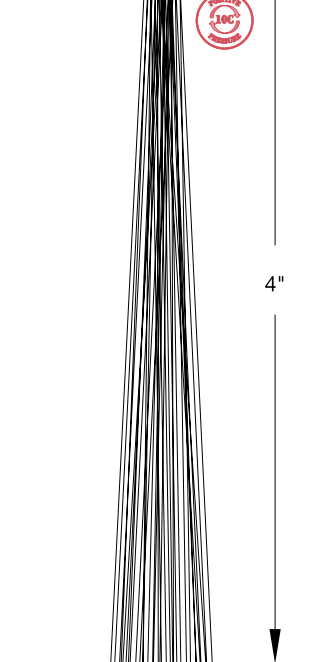
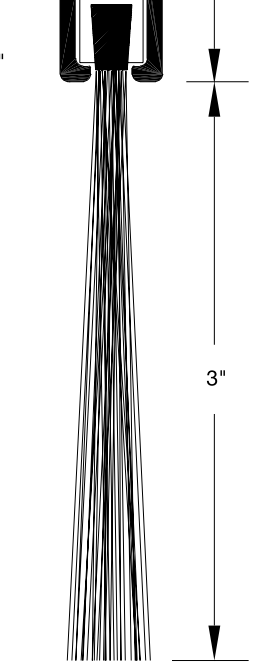
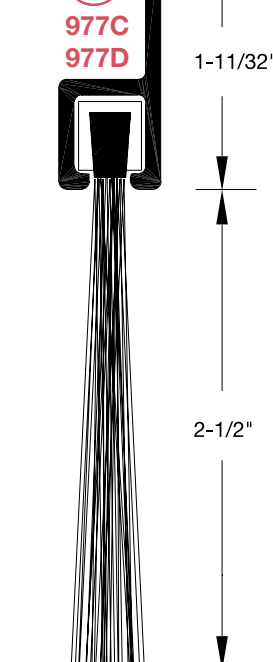
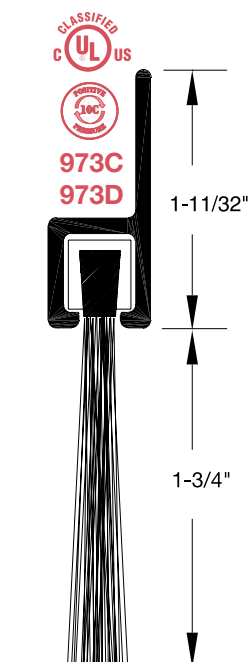
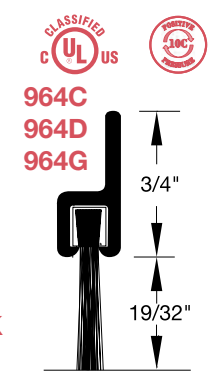
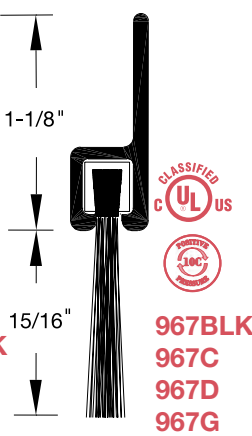
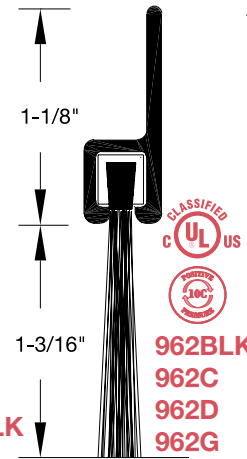
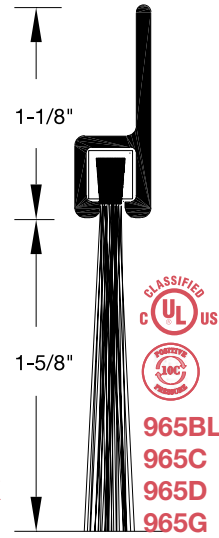
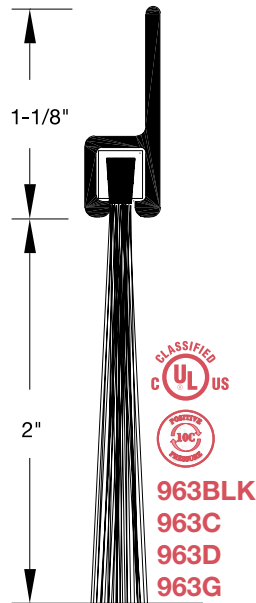
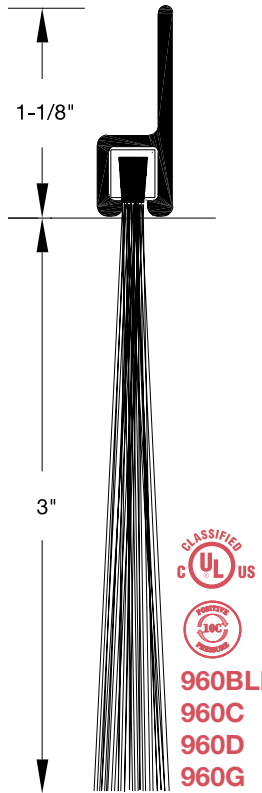
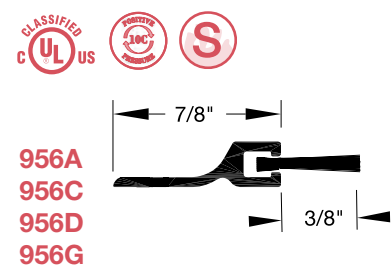
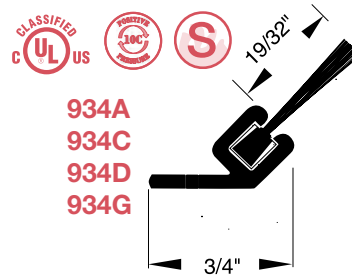
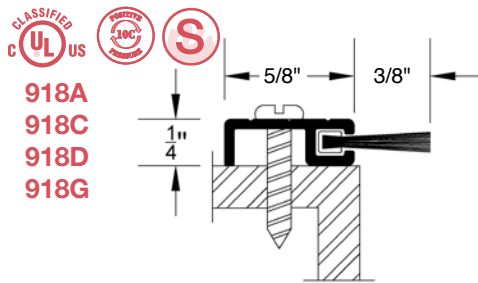
Part 588 has been tested to the requirement of UL 10C (1998), ASTM E152-81a, NFPA 252 (1995), UL 10B (1997), UBC 7-2 (1994)

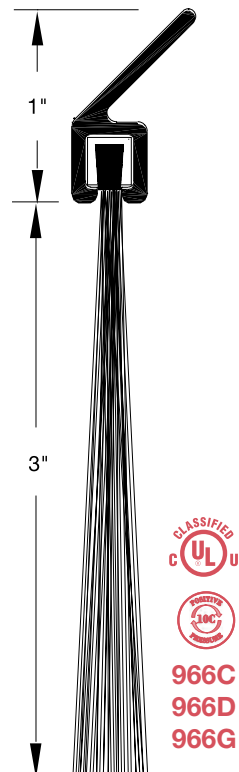
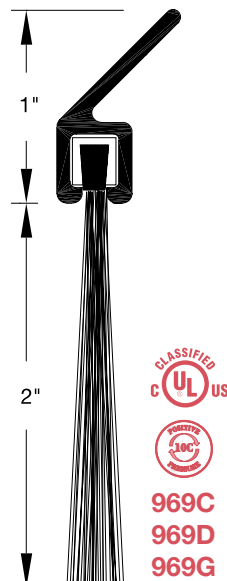
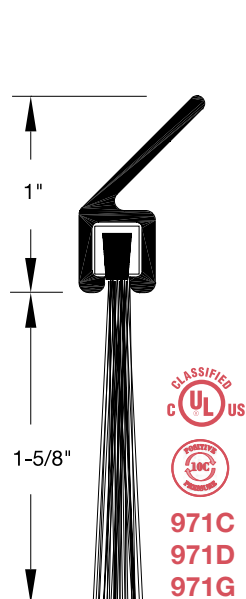
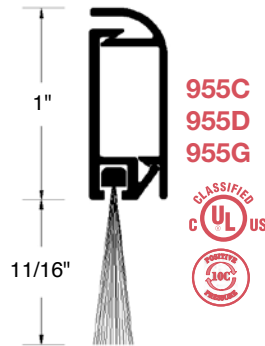
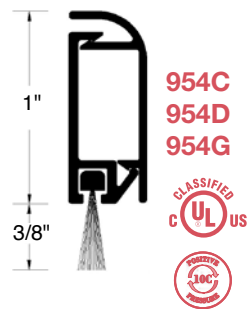
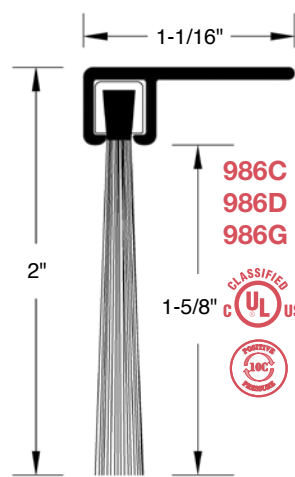
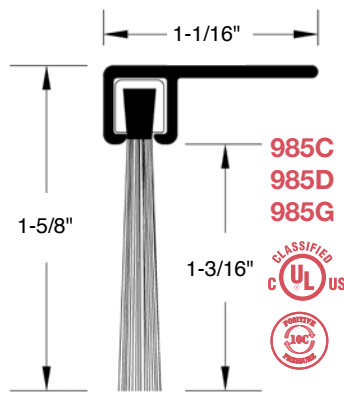
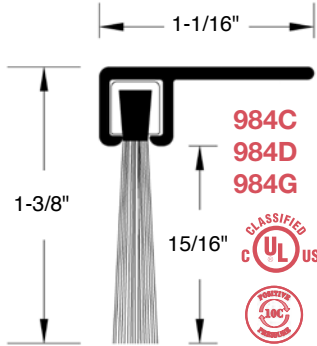
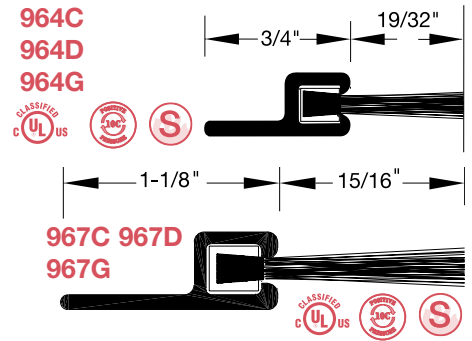
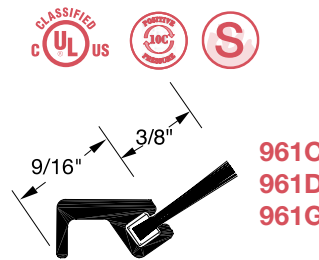
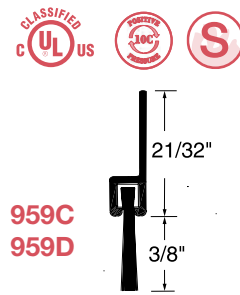
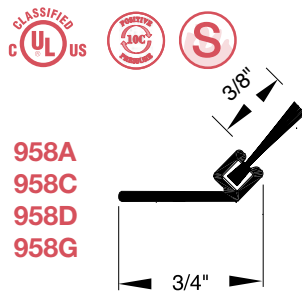
**CATEGORY G LISTED and CATEGORY H LISTED**

- High performance graphite-based intumescent with a protective PVC covering.
- Has fin on one side to help seal for smoke and draft control
- Expands and seals around door when heated — allows door to operate if needed
- Supplied in roll form -- lengths of 18', 21' and 24'



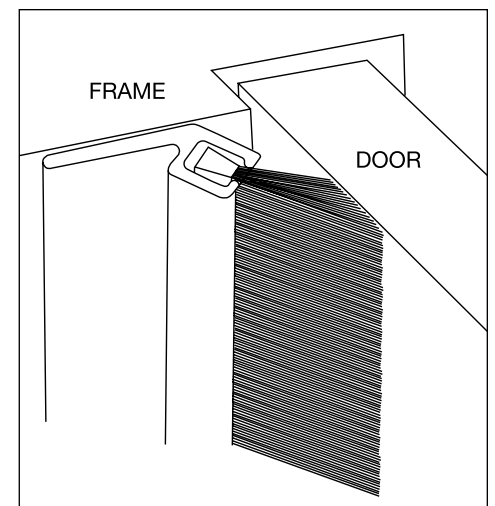
## Nylon Brush



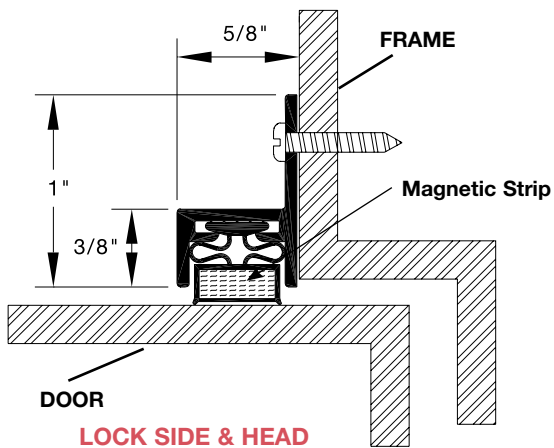


### Reese brush type seals:

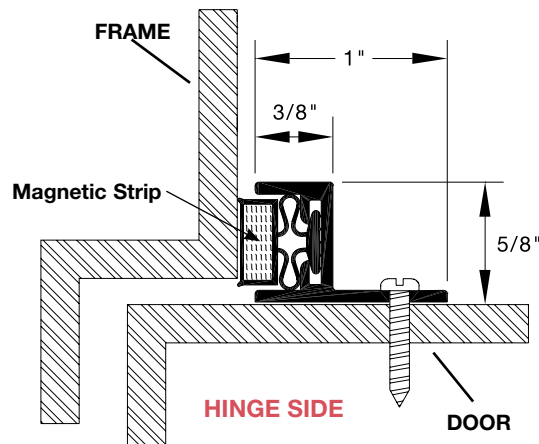
- Provide a 98% effective air tight seal.
- Help prevent heat or cooling loss.
- Help protect against unwanted penetration of smoke, fumes, insects, rodents, snow, light, rain and wind.
- Offer superior seal capabilities and very low closing force.
- Remain flexible at -70 degrees below zero.
- Offer easy installation and adjustment with pre-slotted holes (most sizes).



## Magnetic Weatherstrip



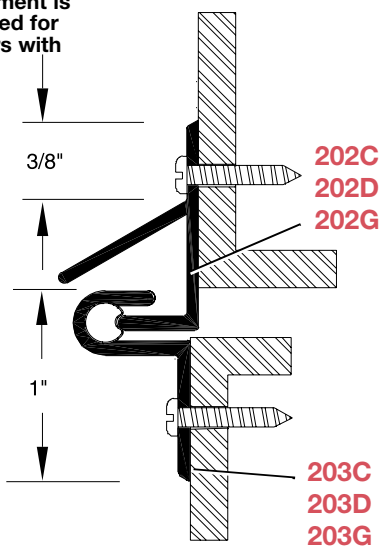
574C  
574D  
574G



Available sizes: 36", 48", 84" and 96"

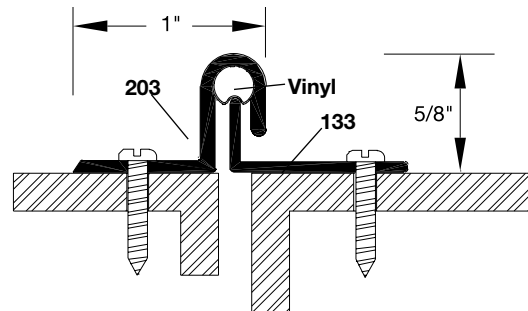
## Interlocking Weatherstrip

This equipment is ideally suited for metal doors with transoms.



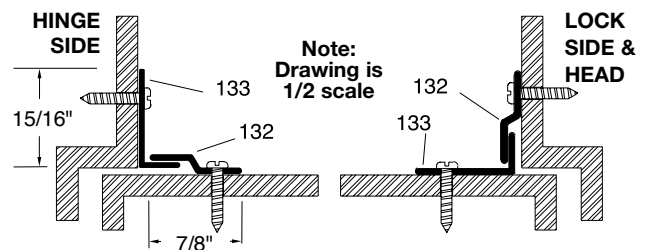
133C  
133D  
133G

203C  
203D  
203G



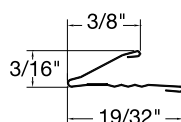
132C  
132D  
132G

133C  
133D  
133G

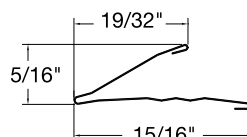


## Spring Bronze

**340**  
Bronze Lockstrip 8"



**350**  
(.006" Bronze)



**DKB3**

Sets include (2) 4 ft. and (3) 3 ft. pieces of 350 spring bronze with a lockstrip and nails. For 36" x 84" door.

# Reese Enterprises



Reese Enterprises is a family owned business that has been designing American made door hardware and entrance floor mats and grates since 1918.

We pride ourselves in reducing stress and headaches by providing one of the best customer service teams in the industry, along with quality products, great order packaging, and fast lead times.

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## NEW HOSPITALITY LINE

Vinyl Thresholds, Quick Seal Adhesives, Dark-AN Door Bottoms



SEE PAGES 41-43