



GAPGUARD

FIRE DOOR ACCESSORIES



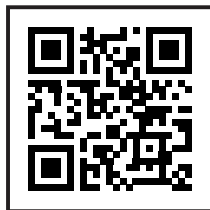


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For the complete list of GapGuard Fire Door Accessories, the most up-to-date product information and installation instructions, scan the QR code or **visit ngp.com**.

TECHNICAL INFORMATION

RATING SYMBOLS LEGEND



POSITIVE PRESSURE - CERTIFIED by UL to ANSI/UL10C. Complies with IBC, NFPA 80 and NFPA 252 for application to Hollow Metal and Wood fire doors. Ratings are as noted on individual products.



CERTIFIED by UL to CAN/ULC-S104 and ANSI/UL10B. Complies with NFPA 80 and NFPA 252 for application to Hollow Metal and Wood fire doors. Ratings are as noted on individual products.



SMOKE & DRAFT CONTROL GASKETING. Certified by UL to ANSI/UL10C and ANSI/UL1784 Category 'H'; complies with IBC and NFPA 105 for use on 'S' labeled Positive Pressure Hollow Metal fire doors rated up to 3 hours, and Wood fire doors rated up to 90 minutes (some ratings vary as noted).



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



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



Online product listings: ul.com/database



BUY AMERICAN

REQUIREMENTS

Buy American Act

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

Build America, Buy America Act

Most of our products comply with Build America, Buy America Act requirements under Title IX of the Infrastructure Investment and Jobs Act (IIJA), Pub. L. 117-58, §§ 70901-70953. Contact us for a Certificate of Compliance for products being supplied on your project.



GAPGUARD

FIRE DOOR ACCESSORIES

LIFE-SAVING MEET COST-SAVING

NGP's UL Certified 180-minute Fire Door Accessories will help you avoid the cost, labor and disruption of replacing existing doors and/or structures to achieve compliance. Whether it's an excessive gap along the perimeter of the door or a hardware revision that jeopardizes the integrity of the door itself, GapGuard Fire Door Accessories has a solution to get you back into compliance with ease.



Certified and stamped for use in the US and Canada



Eliminate the cost and downtime of replacing existing doors and/or structures.



Simple to install, non-handed and in-field modifiable to accommodate existing hardware.



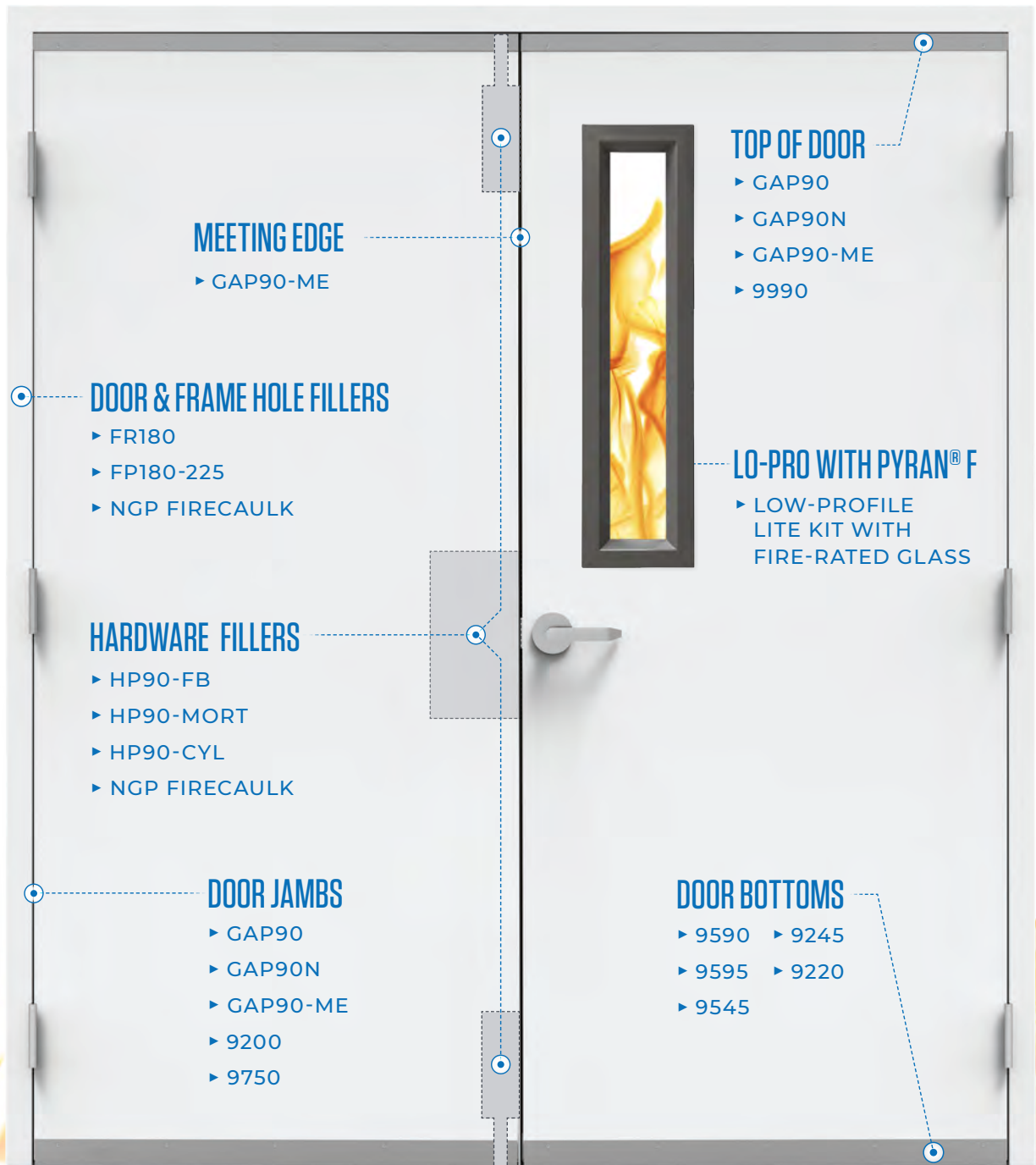
Provides options that allow for concealed installation. See the door, not the hardware.

FIRE DOOR COMPLIANCE MADE EASY!

...AND SMARTER, MORE VERSATILE, LESS VISIBLE, MORE COST-EFFECTIVE, SIMPLER TO INSTALL AND ORDER.

IT IS ALL OF THE THINGS!

GapGuard Fire Door Accessories provide you a one-stop, get your facility BACK INTO compliance solution. Whether you have Excessive Gaps at the Head, Jamb, Meeting Edge and/or Bottom, or want to modify the hardware on an existing door while retaining compliance, we've got a solution to fit your needs.



GAP90

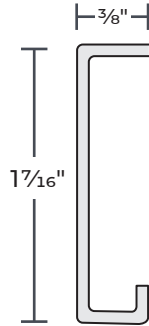
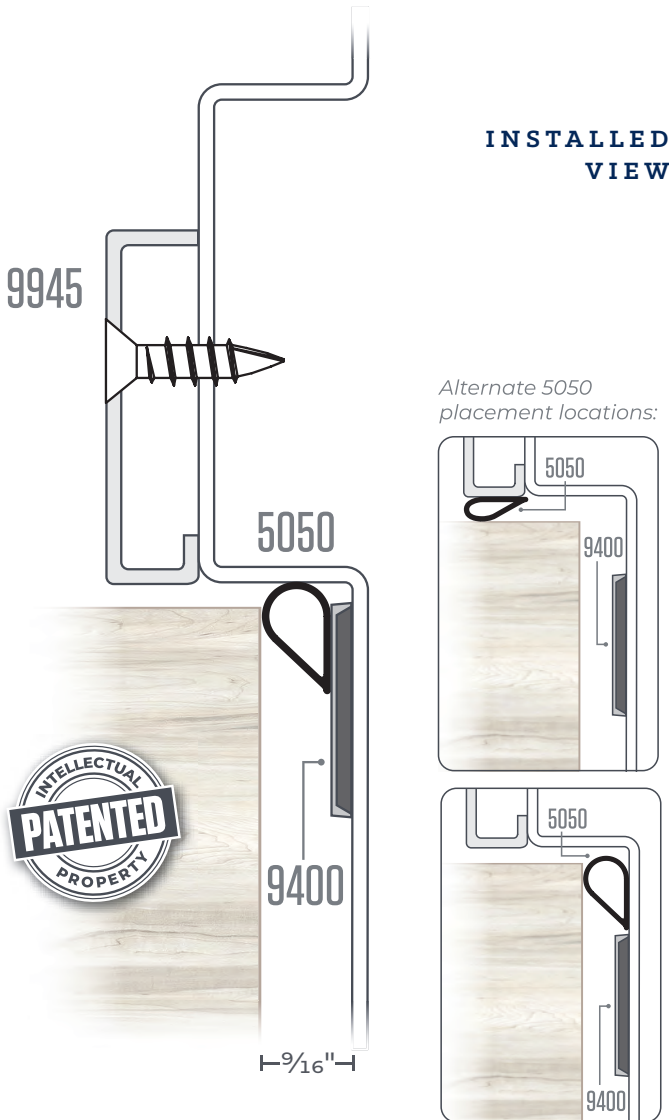
FIRE DOOR HEAD AND JAMB GAP SOLUTION



UL CERTIFIED FOR USE IN THE US AND CANADA

- UL Certified Solution for Hollow Metal Fire Doors Rated up to 180 Minutes, and Wood Fire Doors Rated up to 90 Minutes with Excessive Clearance Between Door and Frame Over $\frac{1}{8}$ " , up to $\frac{9}{16}$ "

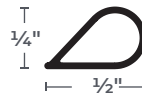
PRODUCT CONSISTS OF:



9945

Steel Stop Extender

- 16-Gauge, Gray Primer Finish
- Furnished with #10 X 1" TEK SMS
- Embossed with **UL Mark**
- Patented: US Patent 9,273,510 B2



5050

Silicone Bulb Fire and Smoke Seal

5050C CHARCOAL

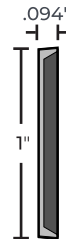


9400

NGP-Edge® Intumescent Seal with PVC Cover

9400GR GRAY

9400C CHARCOAL



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

180-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors.

Multiple Strike Shims 9275 or 9225 may also be Required for Proper Latchbolt Engagement.

Doors with Parallel Arm Closers — Use 9990 Fire Door Top Gap Solution.

GAP90 INCLUDES 9945, 9400GR, 5050C

GAP90DKB INCLUDES 9945, 9400C, 5050C

Available in 36", 48", 84" and 96" Lengths

GAP90N

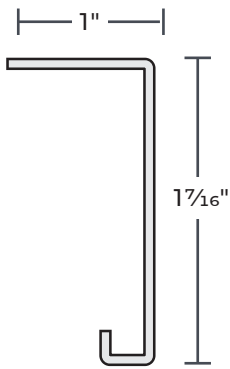
FIRE DOOR HEAD AND JAMB GAP SOLUTION FOR NARROW SOFFIT



UL CERTIFIED FOR USE IN THE US AND CANADA

- UL Certified Solution for Hollow Metal Fire Doors Rated up to 180 Minutes, and Wood Fire Doors Rated up to 90 Minutes with Excessive Clearance Between Door and Frame Over $\frac{1}{8}$ " up to $\frac{9}{16}$ " and a Soffit Measuring $\frac{1}{2}$ " to $1\frac{3}{8}$ "

PRODUCT CONSISTS OF:



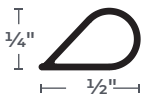
9945N

Steel Stop Extender

- 16-Gauge, Gray Primer Finish
- Furnished with #10 X 1" TEK SMS
- Embossed with **UL Mark**
- Patented: US Patent 9,273,510 B2

INSTALLED VIEW

9945N



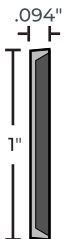
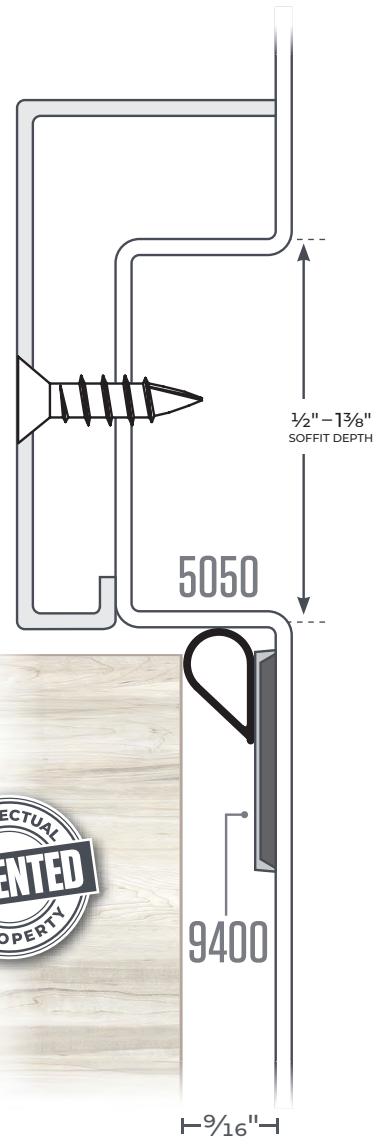
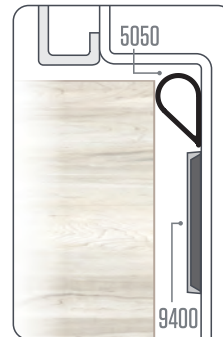
5050

Silicone Bulb Fire and Smoke Seal

5050C CHARCOAL



Alternate 5050 placement locations:



9400

NGP-Edge® Intumescent Seal with PVC Cover

9400GR GRAY

9400C CHARCOAL



POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR ACCESSORY

180-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors.

Multiple Strike Shims 9275 or 9225 may also be Required for Proper Latchbolt Engagement.

Doors with Parallel Arm Closers — Use 9990 Fire Door Top Gap Solution.

GAP90N INCLUDES 9945N, 9400GR, 5050C

GAP90NDKB INCLUDES 9945N, 9400C, 5050C

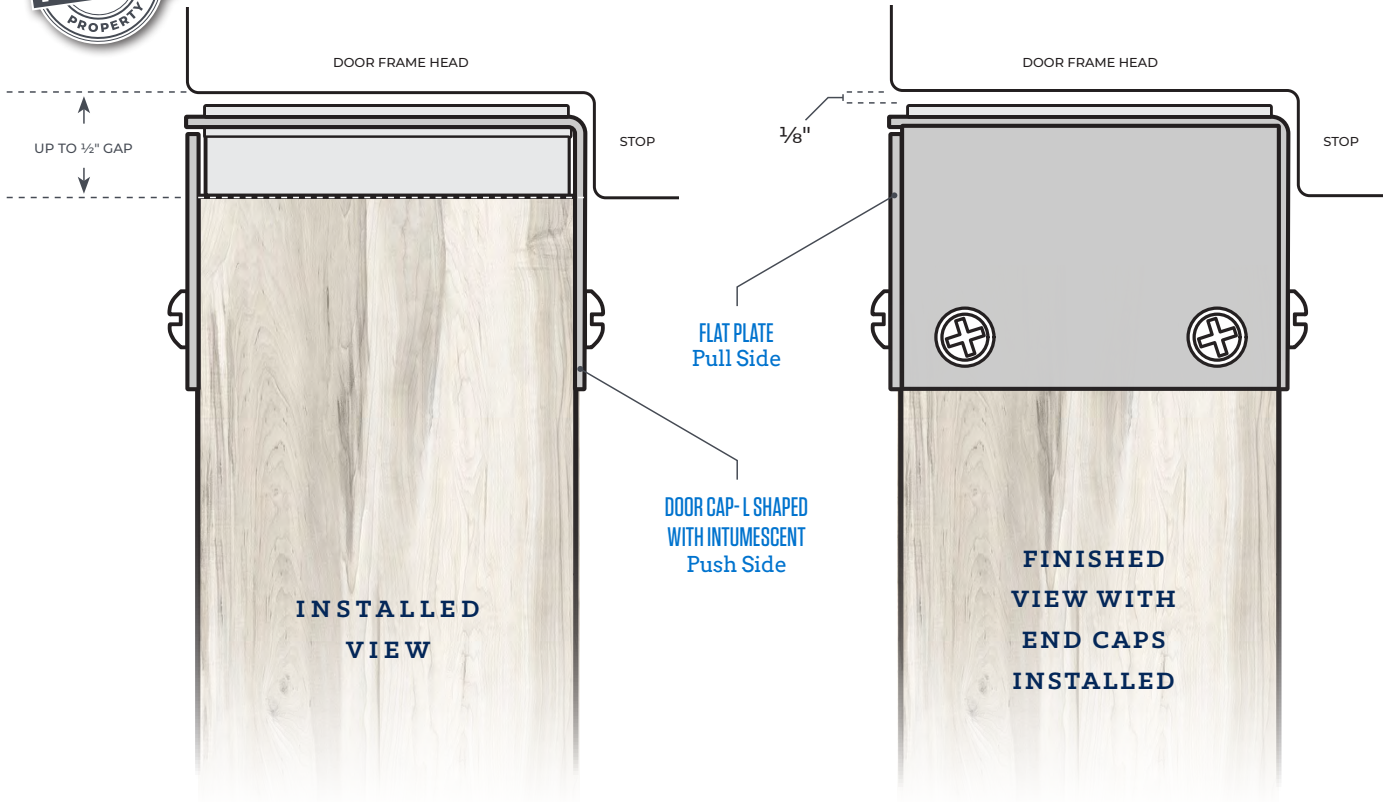
Available in 36", 48", 84" and 96" Lengths

9990

FIRE DOOR TOP GAP SOLUTION



UL CERTIFIED FOR USE IN
THE US AND CANADA



PRODUCT INFORMATION

UL Certified for Door Top Gaps — Measuring up to 1/2"

- ▶ 180-Minute Rated— for Use on UL10B and UL10C Wood or Hollow Metal Fire Doors
- ▶ Recommended for Doors with Parallel Arm Closers
- ▶ Available in 36" and 48" Lengths
- ▶ Brushed Stainless Steel
- ▶ Non-Handed
- ▶ Patented: US Patent US 11,261,653 B2

PRODUCT CONSISTS OF:

- + #304 Brushed Stainless Steel Flat Plate—Pull Side
- + #304 Brushed Stainless Steel Intumescent Cap—Push Side
- + #304 Brushed Stainless Steel End Caps
- + #6 x 3/4" Stainless Steel SMS Furnished



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

GAP90-ME

MEETING EDGE AND PERIMETER GAP SOLUTION – WOOD & HOLLOW METAL



UL CERTIFIED FOR USE IN
THE US AND CANADA

Application Certified for Fire Doors and Frames with Excessive Clearance up to $\frac{3}{8}$ ".

- Application Certified for Fire-Rated Hollow Metal Doors, Frames and Wood Doors with Excessive Clearances up to $\frac{3}{8}$ "
- Non-Handed
- Certified for use on Doors with Surface/ Concealed Vertical Rod Exit Devices or Manual/Automatic Flush Bolts *(see Installation Instructions)*
- Door Removal Not Required
- Can be Field-Modified to Match-Fit Varying Gaps Along Height or Width of the Door *(see installation instructions)*
- Patented: US Patent US 11,885,175 B2

PRODUCT CONSISTS OF:

- + Formed Metal Edge, 20-Gauge Steel, Embossed With UL Mark
 - + Powder Coated, Primer Gray
 - + Hardware Pack
 - #10 x $\frac{3}{4}$ " FHPH SS TEK
 - #10 x $2\frac{1}{2}$ " FHPH SS SMS
 - + GapGuard Fire Caulk *(see Installation Instructions)*
- (Required on Wood Door Application Only)*

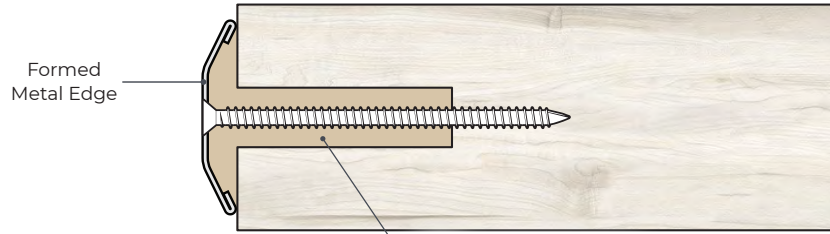


POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



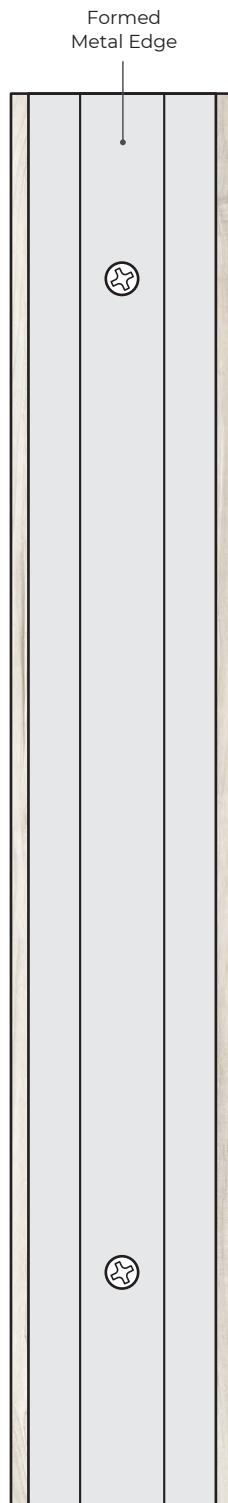
SPECIAL NOTES:

- 90-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors.
- An NGP Strike Shim 9275 or 9225 may also be Required for Proper Latchbolt Engagement.
- Certified for On-site Modifications Around Strike Location.
- If Fire Pins are used, it is Recommended to Apply Metal Edge to Door with Fire Pin Receiver, Ensuring Receiver is Flush with Metal Edge.
- To Retain UL Certification, the Gap90-ME must be Installed using GapGuard Fire Caulk on wood door applications.

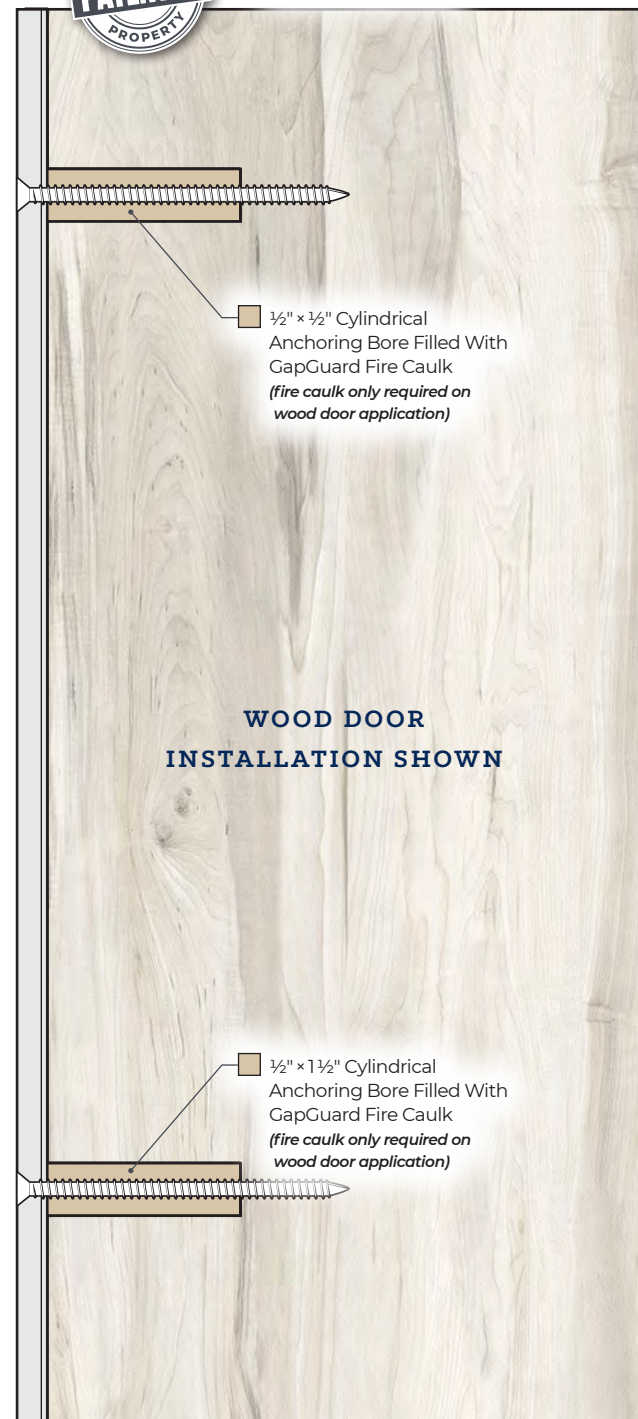


Formed Metal Edge

$\frac{1}{2}$ " x $1\frac{1}{2}$ " Cylindrical Anchoring Bore Filled With GapGuard Fire Caulk *(fire caulk only required on wood door application)*



Formed Metal Edge



$\frac{1}{2}$ " x $\frac{1}{2}$ " Cylindrical Anchoring Bore Filled With GapGuard Fire Caulk *(fire caulk only required on wood door application)*

**WOOD DOOR
INSTALLATION SHOWN**

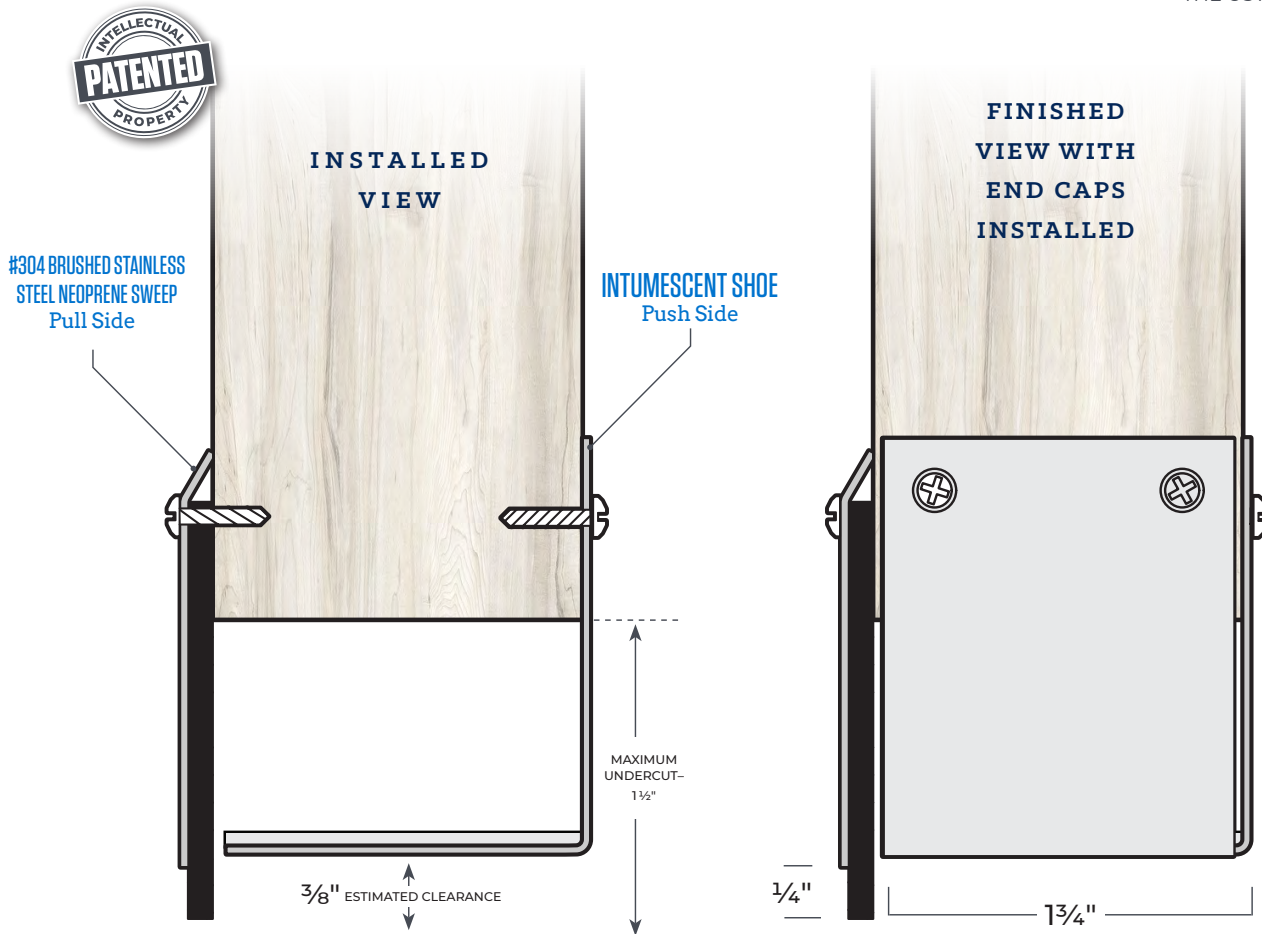
$\frac{1}{2}$ " x $1\frac{1}{2}$ " Cylindrical Anchoring Bore Filled With GapGuard Fire Caulk *(fire caulk only required on wood door application)*

9590

FIRE DOOR BOTTOM GAP SOLUTION



UL CERTIFIED FOR USE IN
THE US AND CANADA



PRODUCT INFORMATION

UL Certified for Door Bottom Gaps — Measuring up to 1 1/2"

- Restricts the Passage of Smoke
- 180-Minute Rated — for Use on UL10B and UL10C Wood or Hollow Metal Fire Doors
- Available in 36" and 48" Lengths
- Non-Handed
- Patented: US Patent US 11,873,679 B2

PRODUCT CONSISTS OF:

- + #304 Brushed Stainless Steel Neoprene Sweep — Pull Side
 - + #304 Brushed Stainless Steel Intumescent Shoe — Push Side
 - + #304 Brushed Stainless Steel End Caps
 - + #6 × 3/4" Stainless Steel SMS Furnished
- Brushed stainless steel
Neoprene is black*



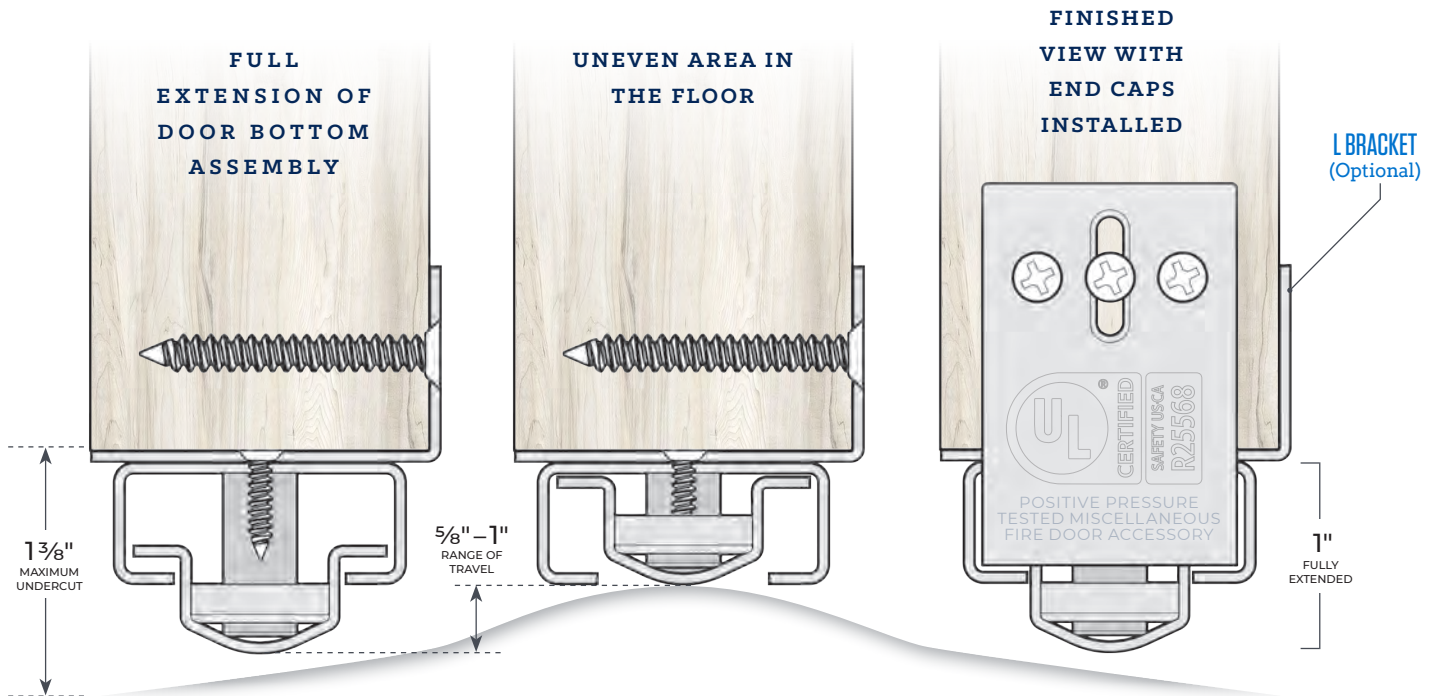
POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

9595DKB

FIRE DOOR BOTTOM GAP SOLUTION



UL CERTIFIED FOR USE IN
THE US AND CANADA



PRODUCT INFORMATION



UL Certified Solution for Fire Doors With Excessive Clearance Between the Bottom of the Door and Finished Floor, up to 1 3/8".

- ▶ Application Certified on both Hollow Metal and Wood Fire-Rated Doors, up to 90 Minutes
- ▶ Non-Handed
- ▶ L-Bracket Allows Installation while Door Remains on Hinges
- ▶ Field Trim to Fit: up to 1 1/2" per side, 3" Total
- ▶ Designed to Travel Over Uneven Floors, with a Range of 3/8"
- ▶ May be Fastened to the Underside of the Door's Bottom Rail to Minimize Visibility.
- ▶ End Caps Set Height Position and Provide a Finished Look
- ▶ Sizes: 36", 42" and 48"
- ▶ Patented: US Patent US 11,761,262 B2

PRODUCT CONSISTS OF:

- + L-Bracket, 16-Gauge Steel, Embossed with UL Mark
- + Door Bottom Assembly, 18-Gauge Steel
- + End Caps, 18-Gauge Steel, Embossed With UL Mark
- + Hardware Pack
 - #10 x 1 1/2" PHPH SS SMS (DKB)
 - #8-32 x 1 3/4" PHP SS Thru-Bolt (DKB)
 - #6 x 3/8" SS TEK
 - #10 x 2" PHPH SS SMS
 - #6 x 3/4" FHPH SS SMS (DKB)

Powder Coated: Matte Black



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

9245V

FIRE DOOR SHOE WITH VINYL SEAL, GAP SOLUTION UP TO 1 1/2"



Gap Solution for Excessive Fire Door Bottom Undercut/Clearance up to 45 Minutes
NGP-Edge® Intumescent Door Shoe.
UL Certified for Door Bottom Gaps — Measuring up to 1 1/2".

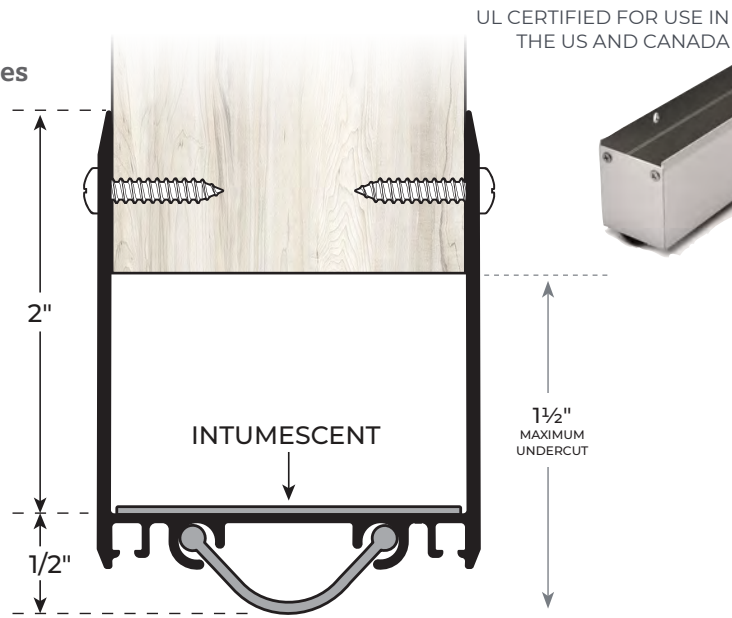
- Restricts the Passage of Smoke
- Application Certified on Both Hollow Metal and Wood Fire-Rated Doors, up to 45 Minutes
- Available in 36" and 48" Lengths (Can be Cut Down in Field)
- Non-Handed

PRODUCT CONSISTS OF:

- + Aluminum Alloy 6063, T5 Temper
- + Aluminum End Caps
- + Screw Holes Slotted for Adjustment
- + #6 x 3/4" Stainless Steel SMS Furnished
- + Vinyl is Black



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



9245VA

ANODIZED ALUMINUM

9245VDKB

DARK BRONZE/BLACK ANODIZED

9245WH

FIRE DOOR SHOE WITH NYLON BRUSH, GAP SOLUTION UP TO 1 1/2"



Gap Solution for Excessive Fire Door Bottom Undercut/Clearance up to 45 Minutes
NGP-Edge® Intumescent Door Shoe.
UL Certified for Door Bottom Gaps — Measuring up to 1 1/2".

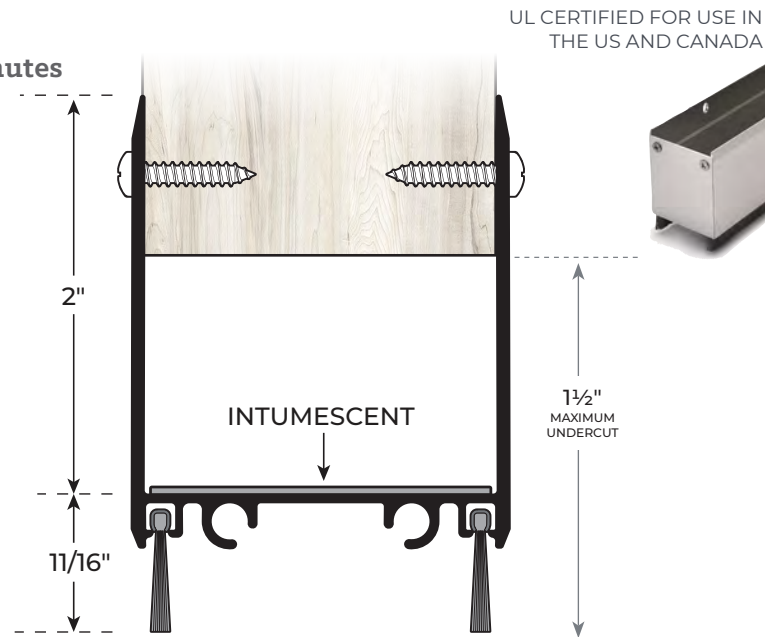
- Restricts the Passage of Smoke
- Application Certified on Both Hollow Metal and Wood Fire-Rated Doors, up to 45 Minutes
- Available in 36" and 48" Lengths (Can be Cut Down in Field)
- Non-Handed

PRODUCT CONSISTS OF:

- + Aluminum Alloy 6063, T5 Temper
- + Aluminum End Caps
- + Screw Holes Slotted for Adjustment
- + #6 x 3/4" Stainless Steel SMS Furnished



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



9245WHA

ANODIZED ALUMINUM WITH GRAY BRUSH

9245WHDKB

DARK BRONZE/BLACK ANODIZED WITH BLACK BRUSH

9545

EXCESSIVE CLEARANCE DOOR BOTTOM



UL CERTIFIED FOR USE IN THE US AND CANADA

Gap Solution for Excessive Fire Door Bottom Clearance up to 45 Minutes
NGP-Edge® Intumescent Door Shoe.
UL Certified for Door Bottom Gaps — Measuring up to 1½".

PRODUCT INFORMATION

- ▶ Aluminum Alloy 6063, T5 Temper
- ▶ Aluminum End Caps for 9545 and 9220
- ▶ Vinyl (V) is Thermo-Plastic Vulcanizate (TPV), Brush (WH) is Synthetic Polymer: Polyamide
- ▶ Moisture-Resistant
- ▶ Restricts the Passage of Smoke
- ▶ Flame-Resistant
- ▶ Temperature Range -40°F to 250°F
- ▶ Up to 45-Minute Rated — for Use on UL10B and UL10C Wood or Hollow Metal Fire Doors
- ▶ Certified for Use in US and Canada
- ▶ Available in 36", 48" Lengths (Can be Cut Down in Field)
- ▶ Non-Handed
- ▶ Screw Holes Slotted for Adjustment
- ▶ #6 x ¾" Stainless Steel SMS Furnished

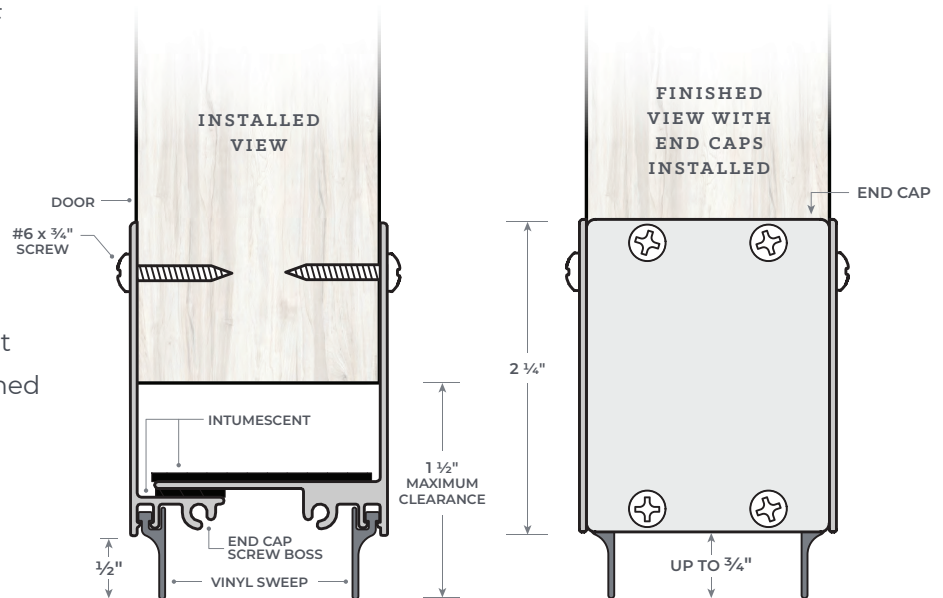


Pictured: 9545V

Provided End Caps



POSITIVE PRESSURE TESTED
 MISCELLANEOUS FIRE DOOR
 ACCESSORY



9545VA	ANODIZED ALUMINUM	BLACK VINYL
9545VDKB	DARK BRONZE/BLACK	BLACK VINYL
9545WHA	ANODIZED ALUMINUM	GRAY BRUSH
9545WHDKB	DARK BRONZE/BLACK	BLACK BRUSH

9220

EXCESSIVE CLEARANCE DOOR BOTTOM



UL CERTIFIED FOR USE IN
THE US AND CANADA

**Gap Solution for Excessive Fire Door
Bottom Clearance up to 20 Minutes
NGP-Edge® Intumescent Door Sweep.
UL Certified for Door Bottom
Gaps — Measuring up to 1½".**

PRODUCT INFORMATION

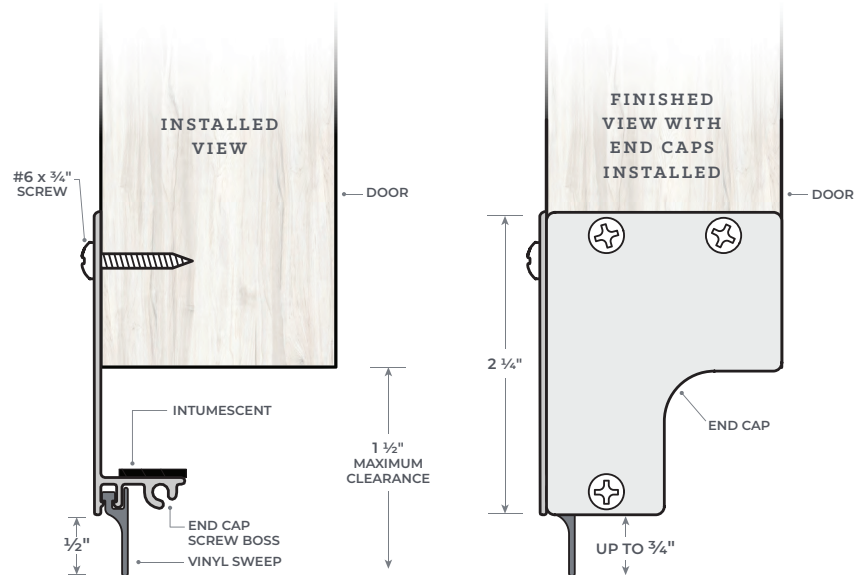
- ▶ Aluminum Alloy 6063, T5 Temper
- ▶ Aluminum End Caps
- ▶ Vinyl (V) is Thermo-Plastic Vulcanizate (TPV),
Brush (WH) is Synthetic Polymer: Polyamide
- ▶ Moisture-Resistant
- ▶ Restricts the Passage of Smoke
- ▶ Flame-Resistant
- ▶ Temperature Range -40°F to 250°F
- ▶ Up to 20-Minute Rated — for Use on
UL10B and UL10C Wood or
Hollow Metal Fire Doors
- ▶ Certified for Use in US and Canada
- ▶ Available in 36", 48" Lengths
(Can Be Cut Down in Field)
- ▶ Non-Handed
- ▶ Screw Holes Slotted for Adjustment
- ▶ #6 x ¾" Stainless Steel SMS Furnished



Pictured:
9220V



Provided End Caps



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

9220VA	ANODIZED ALUMINUM	BLACK VINYL
9220VDB	DARK BRONZE/BLACK	BLACK VINYL
9220WHA	ANODIZED ALUMINUM	GRAY BRUSH
9220WHDB	DARK BRONZE/BLACK	BLACK BRUSH

HP90-MORT

MORTISE HARDWARE PREP FILLER



UL CERTIFIED FOR USE IN
THE US AND CANADA



UL Certified Solution for Fire Doors When Either Removing Existing Hardware and/or Using a New Hardware Type Over Existing Hardware Preps.

PRODUCT INFORMATION

- ▶ Application Certified On Both Hollow Metal And Wood Fire-Rated Doors Up To 90 Minutes
- ▶ Certified for Filling Mortise Lockset Cavities
- ▶ Patented: US Patent US11,959,332 B2

PRODUCT CONSISTS OF:

- + HP90 – 4" x 6" Fire-Rated Panel
- + Steel Filler Plates: *(Powder Coated Primer Gray, Embossed With UL Mark)*
 - HP90-MEF1258, Edge Filler Plate
 - HP90-SF4875, Strike Filler Plate
- + Hardware Pack
 - #10-32 x 1-3/4" FHPH SS Machine Screw
 - #8 x 3/4" FHPH SS Combo Screw
 - #12 x 1" FHPH SS Combo Screw
 - #8 x 3/4" FHPH SS SMS
 - #12 x 1" FHPH SS SMS
- + GapGuard Fire Caulk
(see Installation Instructions)



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

SPECIAL NOTES:

- 90-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors
- To Retain UL Certification, the HP90-MORT must be Installed using GapGuard Fire Caulk

Filler
Plate

GapGuard Fire Caulk Fill

HP90

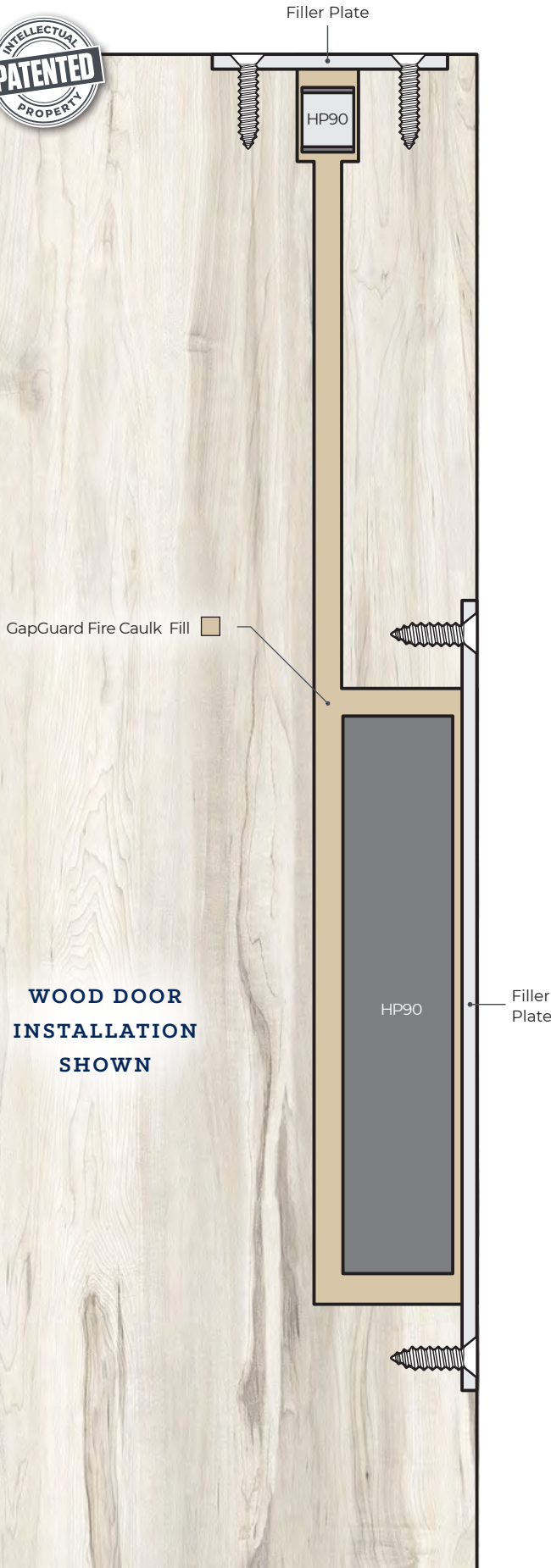
**WOOD DOOR
INSTALLATION
SHOWN**

HP90-FB

FLUSH BOLT HARDWARE PREP FILLER



UL CERTIFIED FOR USE IN
THE US AND CANADA



UL Certified Solution for Fire Doors When Either Removing Existing Hardware and/or Using a New Hardware Type Over Existing Hardware Preps.

PRODUCT INFORMATION

- Application Certified On Both Hollow Metal And Wood Fire-Rated Doors Up To 90 Minutes
- Certified for Filling Manual or Automatic Flush Bolt Cavities
- Patented: US Patent US 11,959,332 B2

PRODUCT CONSISTS OF:

- + HP90 – 2" x 6" Rectangular Fire-Rated Panel
- + HP90 – 0.5 Cylindrical Fire-Rated Panel
- + Steel Filler Plates: *(Powder Coated Primer Gray, Embossed With UL Mark)*
 - HP90-FBE6750, Edge Filler Plate
 - HP90-FBE8500, Edge Filler Plate
 - HP90-FBL2000, Latch Bolt Filler Plate
 - HP90-FBL2500, Latch Bolt Filler Plate
 - HP90-FBL3875, Latch Bolt Filler Plate
 - HP90-SF2250, Strike Filler Plate
- + Hardware Pack
 - #10-32 x 1-3/4" FHPH SS Machine Screw
 - #8 x 3/4" FHPH SS Combo Screw
 - #12 x 1" FHPH SS Combo Screw
 - #8 x 3/4" FHPH SS SMS
 - #12 x 1" FHPH SS SMS
- + GapGuard Fire Caulk *(see Installation Instructions)*



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



SPECIAL NOTES:

- 90-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors
- To Retain UL Certification, the HP90-MORT must be Installed using GapGuard Fire Caulk

FP180-225

FRAME PATCH KIT



Application Certified for Steel Fire Doors and Frames Rated up to 180 Minutes.

UL CERTIFIED FOR USE IN THE US AND CANADA

- ▶ Maximum Area of Cutout Concealed by Frame Patch is 2½ Sq. In.
- ▶ Allowed to be Used on Steel Frames up to 14 Ga. Thickness
- ▶ Allowed to be Used on Steel Doors up to 16 Ga. Thickness
- ▶ Must Maintain Adequate Coverage on All Sides of Cutout
- ▶ Adhesive Tape May be Used in Addition to Mechanical Fastener

PRODUCT CONSISTS OF:

- + Metal Plate, 24 Ga. Steel, Embossed with UL Mark
- + Hardware Pack: 10-24 x 1.5 F8-P-SS-ST Washer
Spring Lock Anchor Toggle
¾" Magnets ¼" x ¾" OD

- ▶ Size 1 13/16" x 2 15/16"
- ▶ Box of 5 ea. Complete Patches



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



FR180

FRAME REPAIR KIT



Application Certified for Steel Fire Doors and Frames Rated up to 180 Minutes.

UL CERTIFIED FOR USE IN THE US AND CANADA

- ▶ Maximum Area of Cutout in Door or Frame Concealed Plate is:
 - 5.5 Sq. In. up to 12" Cover Plate
 - 12.0 Sq. In. Between 24" and 48" Cover Plate
 - No Single Cutout Larger Than 5.5 Sq. In.
- ▶ Allowed to be Used on Steel Frames up to 14 Ga. Thickness
- ▶ Allowed to be Used on Steel Doors up to 16 Ga. Thickness
- ▶ Cover Plate Maximum Size 48"
- ▶ Allowed to be Used With Listed Surface Mounted Hardware and Listed Door Position Switches (up to 1½" Diameter)
- ▶ Adhesive Tape May be Used in Addition to Mechanical Fasteners
- ▶ 6" Kits, 5 per Box
- ▶ 48" Kits, (Can be Cut Down in Field) 5 per Box

PRODUCT CONSISTS OF:

- + Metal Plate, 16 Ga. Steel, Embossed with UL Mark
- + Hardware Pack:
 - 6-32 x .500 FU-P-BO-ST
 - Drill Bit #36 x 2 ½"



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



9200

GAP SOLUTION FOR EXCESSIVE FIRE DOOR & FRAME CLEARANCES — UP TO 60 MINUTES



UL CERTIFIED FOR USE IN THE US AND CANADA

- ▶ UL Certified Solution for 20- and 45-Minute Fire Doors with Excessive Clearance Between Door and Frame Over $\frac{1}{8}$ ", up to $\frac{3}{8}$ "
- ▶ UL Certified Solution for 60-Minute Fire Doors with Excessive Clearance Between Door and Frame Over $\frac{1}{8}$ ", up to $\frac{5}{16}$ "
- ▶ May be Installed on the Door or on the Frame as Illustrated
- ▶ For Use on up to 60-Minute Rated UL10B and UL10C Wood or Hollow Metal Fire Doors
- ▶ Multiple Strike Shims 9275 or 9225 May Also be Required for Proper Latchbolt Engagement
- ▶ NGP Intumescent Materials are Formulated to Expand at 275°F up to 20 Times Their Original Thickness, Completely Sealing the Gap Around and Between Doors During a Fire
- ▶ Provides Strong Initial Adhesion and Outstanding Long-Term Holding Strength for Secure, Permanent Bonding in Both Interior or Exterior Applications
- ▶ Resistant to Aging, Weathering, UV Radiation, Water, Detergent, Alcohol, and the Influence of Chemicals
- ▶ Sold by the Foot: 3' Minimum to 410' Reel



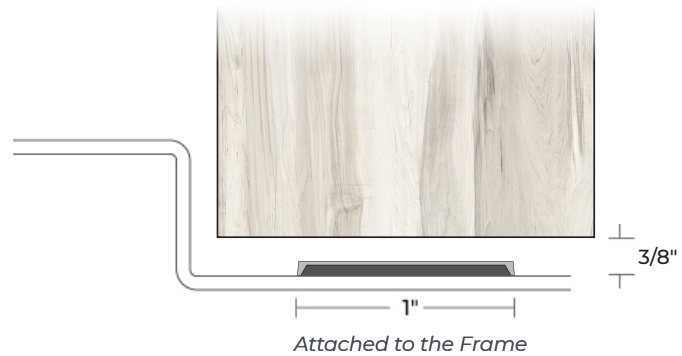
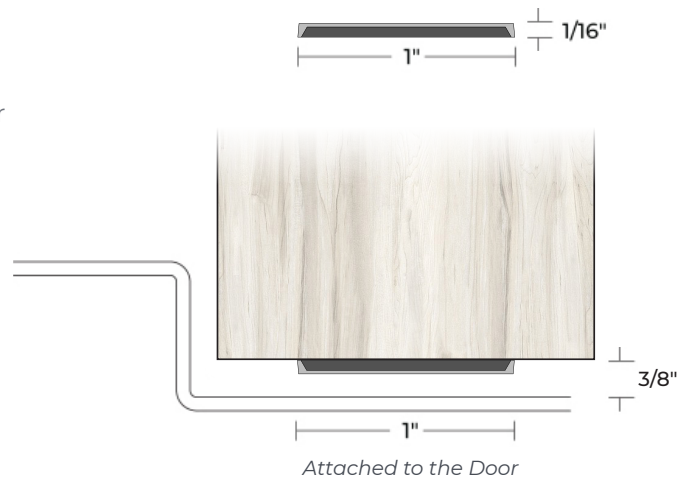
Pictured: **9200C** (Charcoal)



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

Multiple Strike Shims 9275 or 9225 may also be Required for Proper Latchbolt Engagement

9200C	CHARCOAL
9200GR	GRAY



9750

GAP SOLUTION FOR EXCESSIVE FIRE DOOR & FRAME CLEARANCES — 20 MINUTES UP TO 5/16"



UL CERTIFIED FOR USE IN
THE US AND CANADA

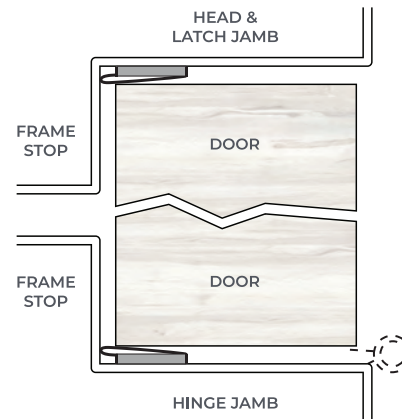
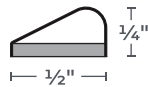
INTUMESCENT WITH FLEXIBLE ELASTOMERIC BULB FIRE AND SMOKE SEAL

- ▶ UL Certified Solution for 20-Minute Fire Doors with Excessive Clearance Between Door and Frame Over 1/8", up to 5/16"
- ▶ For Use on 20-Minute Rated UL10B and UL10C Wood or Hollow Metal Fire Doors
- ▶ Multiple Strike Shims 9275 or 9225 May Also be Required for Proper Latchbolt Engagement
- ▶ NGP Intumescent Materials are Formulated to Expand at 275°F up to 20 Times Their Original Thickness, Completely Sealing the Gap Around and Between Doors During a Fire
- ▶ Provides Strong Initial Adhesion and Outstanding Long-Term Holding Strength for Secure, Permanent Bonding in Both Interior or Exterior Applications
- ▶ Resistant to Aging, Weathering, UV Radiation, Water, Detergent, Alcohol, and the Influence of Chemicals
- ▶ Available in 36", 48", 84", 96" and 108" Lengths



Pictured:
9750C
(Charcoal)

9750 CHARCOAL



HP90-CYL

CYLINDRICAL HARDWARE PREP FILLER



UL CERTIFIED FOR USE IN
THE US AND CANADA

UL Certified Solution for Fire Doors When Either Removing Existing Hardware and/or Using a New Hardware Type Over Existing Hardware Preps.

- ▶ Application Certified on both Hollow Metal and Wood Fire-Rated Doors, up to 90 Minutes
- ▶ Certified for Filling Cylindrical Lockset Cavities
- ▶ Patented: US Patent 11,959,332 B2

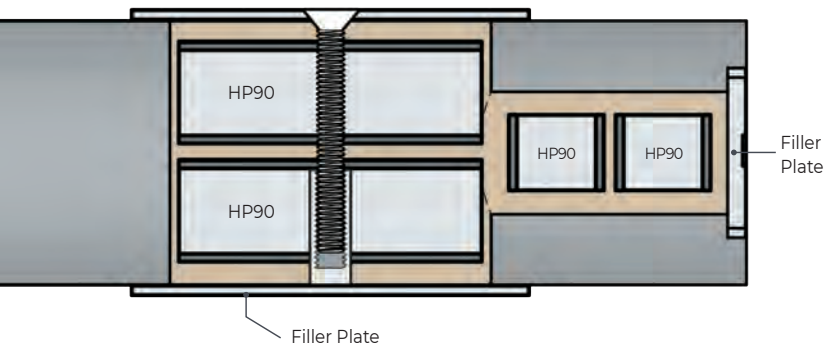


WOOD DOOR: INSTALLED VIEW



■ GapGuard Fire Caulk Fill

STEEL DOOR: INSTALLED VIEW



■ GapGuard Fire Caulk Fill

PRODUCT CONSISTS OF:

- + Fire-Rated Panels:
 - HP90 – 2.0
 - HP90 – 1.0
 - HP90 – 0.5
- + Steel Filler Plates, Powder Coated, Primer Gray, Embossed with UL Mark
 - HP90-RDCP, Filler Plate
 - HP90-CEF1000, Edge Filler Plate
 - HP90-SF2750, Strike Filler Plate
 - HP90-SF4875, Strike Filler Plate
- + Hardware Pack
 - #10-32 x 1 3/4" FHPH SS Machine Screw
 - #8 x 3/4" FHPH SS Combo Screw
 - #12 x 1" FHPH SS Combo Screw
 - #8 x 3/4" FHPH SS SMS
 - #12 x 1" FHPH SS SMS
- + GapGuard Fire Caulk
(see *Installation Instructions*)



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



SPECIAL NOTES:

- 90-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors
- To Retain UL Certification, the HP90-MORT must be Installed using GapGuard Fire Caulk

HP90

HARDWARE PREP FILLERS



UL CERTIFIED FOR USE IN
THE US AND CANADA

UL Certified Solution for Fire Doors When Either Removing Existing Hardware and/or Using a New Hardware Type Over Existing Hardware Preps.



- ▶ Application Certified on both Hollow Metal and Wood Fire-Rated Doors, up to 90 Minutes
- ▶ Certified for Use in Combination With Gap Guard Fire Caulk to Fill Thru-Holes Between ½" Diameter and 2 ½" Diameter

PART NO.	DESCRIPTION
HP90 - 0.5	½" Diameter Hardware Prep Filler (10 Pack)
HP90 - 1.0	1" Diameter Hardware Prep Filler (10 Pack)
HP90 - 1.5	1 ½" Diameter Hardware Prep Filler (10 Pack)
HP90 - 2.0	2" Diameter Hardware Prep Filler (10 Pack)



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

GAPGUARD FIRE CAULK



UL Certified Solution for Fire Doors and Frames to Seal Thru-Holes as well as in Combination With Other Hardware Prep Filler Solutions.

UL CERTIFIED FOR USE IN
THE US AND CANADA

PRODUCT INFORMATION

- ▶ Application Certified on Fire-Rated Hollow Metal Doors and Frames and Wood Doors
- ▶ Can be Used to Fill up to a 1 ¾" Diameter Thru-Hole on up to 90-Minute Fire Doors and Frames
- ▶ Can be Used to Fill Gap at the Bottom of Frame and Flooring, When Shimmed, up to ¾"
- ▶ Can be Used to Fill the Gap Between the Door Frame Return, and the Wall, up to ¾"
- ▶ Can be Sanded and Painted after Full Cure
- ▶ Indoor Use Only
- ▶ Shelf Life is 12 Months
- ▶ 10.0 oz Cartridges, 10 per Box
- ▶ 3.0 oz. Tubes, 6 per Box



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

GAPGUARD STRIKE SHIMS

180-MINUTE STRIKE SHIMS



UL CERTIFIED FOR USE IN THE US AND CANADA

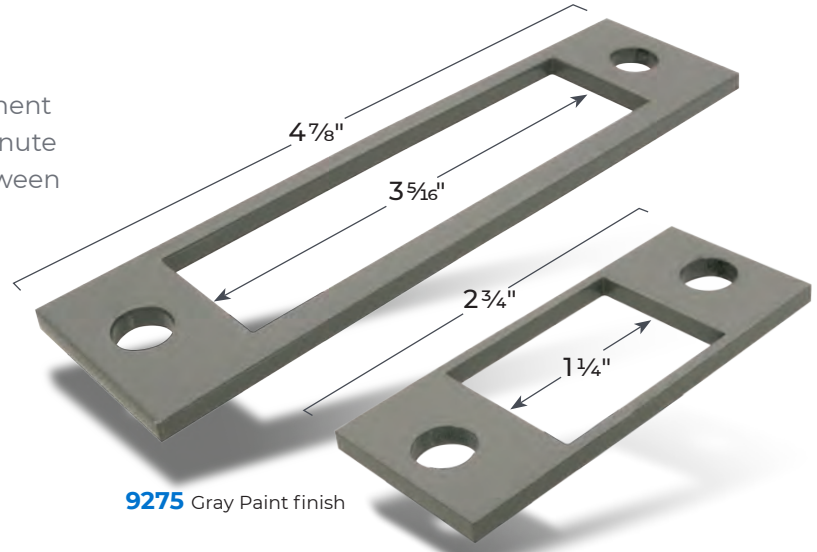
9275 - Fits 4 7/8" 'ASA' Strike Plate

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

- Required for Proper Latch-bolt Engagement
- UL Certified Solution for 20 thru 180-Minute Fire Doors with Excessive Clearance Between Door and Frame Over 1/8", up to 3/16"
- Can be Combined with GAP 90, GAP90N, 9200, or 9750 to Achieve the Required Latch Engagement



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

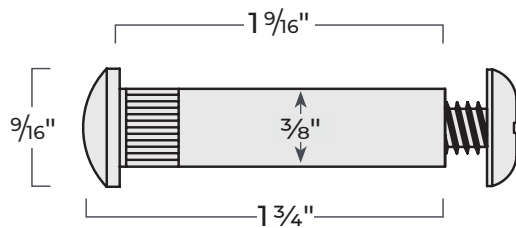


9275 Gray Paint finish

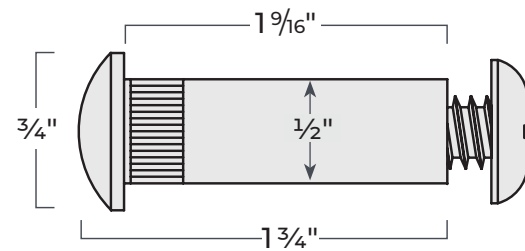
9225 Gray, Paint finish

GAPGUARD THRU-BOLTS

- Meets NFPA 80 Requirements for Filling Open Holes in Fire Doors with Steel Fasteners
- Zinc-Plated Steel Thru-Bolt Sleeve with Steel Machine Screw
- Fits 1 3/4" to 2" Thick Doors
- Available in Boxes of Twenty



FDTB 3/8"
Thread Size 1/4-20



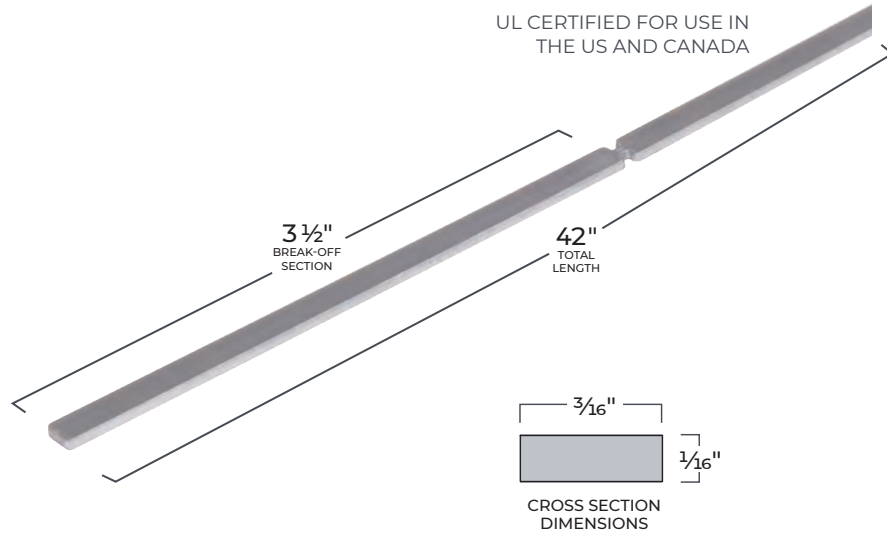
FDTB 1/2"
Thread Size 5/16-18

STEEL HINGE SHIMS



HS-1

- Use to Shim Hinges to Achieve Required Clearances Between Door and Frame
- Dual Purpose Shim
 - Use Full 42" Length for Continuous Hinges
 - Break-Off 3 1/2" Sections for Butt Hinges
- Steel Fire-Rated Shims
- Pressure Sensitive Adhesive Pads Included for Holding in Place During Installation
- Removable, Re-Stickable, and Stackable
- Available in Boxes of Ten



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

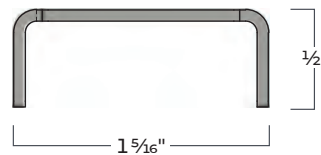
9945EC & 9945NEC

END CAPS

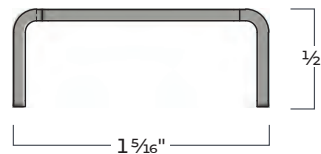


For Use on GAP90 and GAP90N Steel Stop Extender Components 9945 and 9945N.

- Use to Cap the Exposed Open End of the Steel Stop Extender When Cut at Rim Panic Strike or Other Hardware
- Sold in 10 Packs
- Sold Flat, Tabs Must be Formed Prior to Use



9945EC



9945NEC



UL CERTIFIED FOR USE IN THE US AND CANADA



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



A PURSUIT OF PERFECTION:

The Product Development Team continues to innovate and test new products - a constant state of improvement.

A SMALL GAP IS A BIG DEAL

UNDERSTANDING THE PROBLEM

A Fire Door “Gap” is the space between the door and frame at the head, jambs, and floor, as well as between the frame and wall or the bottom of the frame and the floor. When these clearances exceed the tolerances as defined in NFPA 80 and enforced through building and fire codes, as well as oversight bodies such as The Joint Commission, they are considered excessive, requiring “repair without delay.”

Excessive gaps allow smoke and fire to pass through the opening, compromising the performance of the door and frame assembly. This is one of the most common causes of failed inspections and can lead to code violations and enforcement actions, including fines.

Most importantly, they cause a fire door to fail, putting lives at risk!

IDENTIFY "EXCESSIVE" GAPS

(As specified by NFPA 80)

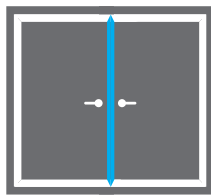
AT THE DOOR HEAD, JAMB AND MEETING EDGE



DOOR HEAD



DOOR JAMB



MEETING EDGE

**HOLLOW
METAL
DOORS**

$1/8" \pm 1/16"$

**FIRE-RATED
WOOD
DOORS**

UP TO $1/8"$
Up to $3/16"$ (20 Minute)

AT THE DOOR BOTTOM



DOOR BOTTOM

**WOOD &
METAL
DOORS**

$3/4"$

NOTES

NOTES

NOTES



For the most up-to-date
GapGuard Fire Door
Accessories Catalog
scan the QR code
or visit ngp.com.



ngp.com
1-800-NGP-RUSH

FAX: (800) 255-7874
QUOTES: quotes@ngp.com
ORDERS: orders@ngp.com

NGP MEMPHIS
4985 East Raines Road
Memphis, TN 38118

CARSON CITY
3689 Arrowhead Drive
Carson City, NV 89706