

# GAPGUARD

FIRE DOOR ACCESSORIES

CAPCUARD



### $\mathsf{GAPGUARD}^{\scriptscriptstyle\mathsf{TM}}\,\mathsf{INDEX};$

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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  ${\bf visit}$   ${\bf ngp.com}.$ 

# RATINGS AND LEED

#### RATING SYMBOLS LEGEND



**POSITIVE PRESSURE - CERTIFIED by UL to ANSI/UL10C;** complies with IBC, NFPA 80 and NFPA 252 for application to Hollow Metal fire doors rated up to 3 hrs., and Wood fire doors rated up to 90 minutes (some ratings vary as noted).



**CERTIFIED by UL to CAN/ULC-S104 and ANSI/UL10B,** complies with NFPA 80 and NFPA 252 for application to Hollow Metal fire doors rated up to 3 Hrs., and Wood fire doors rated up to 90 minutes (some ratings vary as noted).



**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.



**AIR INFILTRATION TESTED** to ASTM E283, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.



**ANTI-MICROBIAL** Treated with an anti-microbial additive to prohibit the growth of microorganisms.



**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

#### **LEED GREEN BUILDING**

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a national standard for developing high-performance, sustainable buildings developed by the U. S. Green Building Council.

Our current LEED letter containing LEED qualification information for all our products is available at nap.com

Environmental Product Declarations (EPD) prepared and certified by an Independent Laboratory based on Life Cycle Assessments (LCA) of our products may be viewed on our website, <a href="ngp.com">ngp.com</a>

Health Product Declarations (HPD) may be viewed on our website, nap.com

National Guard Products sustainability report may be viewed on our website, ngp.com/report/

Contact us regarding our end of use product recycling program.





# LIFE-SAVING MEET COST-SAVING

NGP's UL Certified 90-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.



### 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.





#### FIRE DOOR HEAD AND JAMB GAP SOLUTION

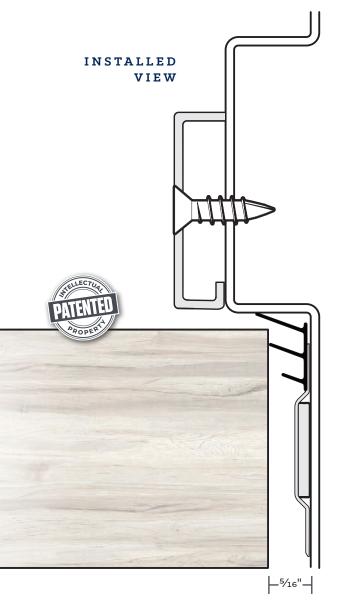






UL CERTIFIED FOR USE IN THE US AND CANADA

UL Certified Solution for Fire Doors with Excessive Clearance Between Door and Frame Over  $\frac{1}{8}$ , up to  $\frac{5}{16}$ .





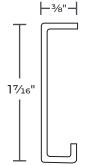
POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR **ACCESSORY** 

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.

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

#### **PRODUCT CONSISTS OF:**



### 9945

Steel Stop Extender

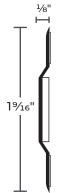
- ▶ 16-Gauge, Gray Primer Finish
- Furnished with #10 X 1" TEK SMS
- Patent No.: US9,273,510B2
- Embossed with **UL Mark**

### 5075

Self-Adhesive Silicone Seal



| 5075B  | BROWN    |
|--------|----------|
| 5075C  | CHARCOAL |
| 5075W  | WHITE    |
| 5075CL | CLEAR    |



### 9400

NGP-Edge® Intumescent Seal with PVC Cover

| 9400    | GRAY  |
|---------|-------|
| 9400DKB | BROWN |
| 9400W   | WHITE |

| GAP90™    | INCLUDES 9945, 9400, 5075CL   |
|-----------|-------------------------------|
| GAP90DKB™ | INCLUDES 9945, 9400DKB, 5075B |
| GAP90W™   | INCLUDES 9945, 9400W, 5075W   |

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

### GAP90N™

#### FIRE DOOR HEAD AND JAMB GAP SOLUTION FOR NARROW SOFFIT

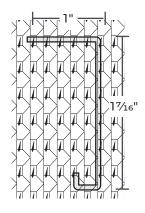






UL CERTIFIED FOR USE IN THE US AND CANADA

UL Certified Solution for Fire Doors with Excessive Clearance Between Door and Frame Over  $\frac{1}{8}$ , up to  $\frac{5}{16}$  and a Soffit Measuring  $\frac{1}{2}$  to  $1\frac{3}{8}$ .



#### **PRODUCT CONSISTS OF:**

### 9945N

Steel Stop Extender

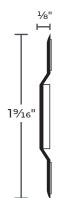
- ▶ 16-Gauge, Gray Primer Finish
- Furnished with #10 X 1" TEK SMS
- Patent No.: US9.273.510B2
- Embossed with UL Mark

### 5075

Self-Adhesive Silicone Seal



| 5075B  | BROWN    |
|--------|----------|
| 5075C  | CHARCOAL |
| 5075W  | WHITE    |
| 5075CL | CLEAR    |



### 9400

NGP-Edge® Intumescent Seal with PVC Cover

| 9400    | GRAY  |
|---------|-------|
| 9400DKB | BROWN |
| 9400W   | WHITE |

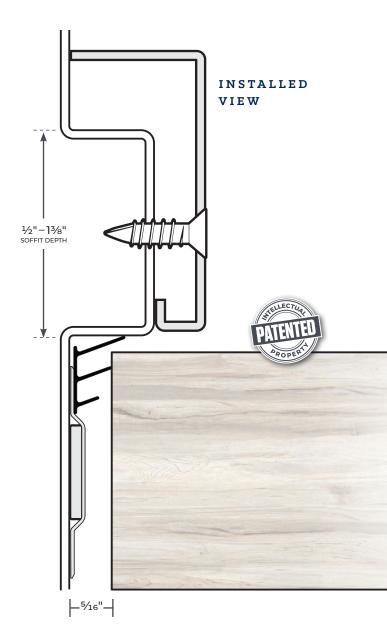


POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

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.

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



| GAP90N™    | INCLUDES 9945N, 9400, 5075CL   |
|------------|--------------------------------|
| GAP90NDKB™ | INCLUDES 9945N, 9400DKB, 5075B |
| GAP90NW™   | INCLUDES 9945N, 9400W, 5075W   |

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

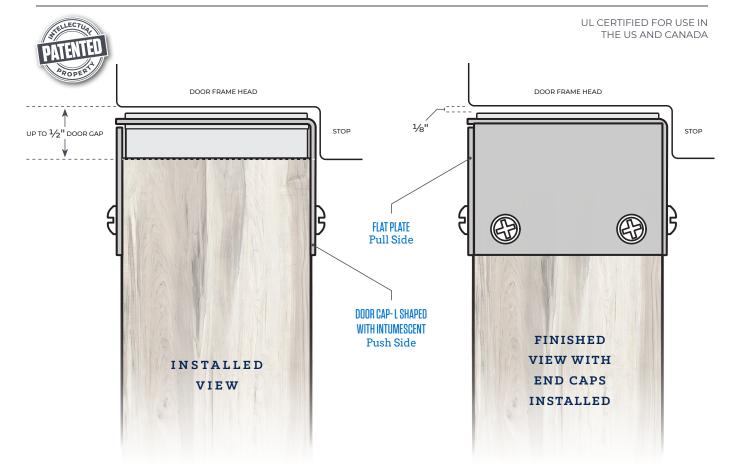


#### FIRE DOOR TOP GAP SOLUTION









#### PRODUCT INFORMATION

# UL Certified for Door Top Gaps — Measuring up to $\frac{1}{2}$ ".

- 90-Minute Rated for Use on UL10B and UL10C Wood or Hollow Metal Fire Doors
- Recommended for Doors with Parallel Arm Closers
- Patent Pending
- Available in 36" and 48" Lengths
- Brushed Stainless Steel
- Non-handed
- Patent No.: 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
- + #6×3/4" Stainless Steel SMS Furnished



POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR ACCESSORY

# GAP90-ME

#### MEETING EDGE GAP SOLUTION







**UL Certified Solution for Fire Doors** with Excessive Clearance Between the Meeting Edges of a Pair of Doors, up to  $\frac{3}{8}$ ".

- Application Certified on both Hollow Metal and Wood Fire-Rated Doors, up to 90-Minute
- Patent Pending
- Non-Handed
- Certified for use on Doors with Surface/ Concealed Vertical Rod Exit Devices or Manual/Automatic Flush Bolts (see Installation Instructions)
- Can be Installed with the Door on the Hinaes
- On be Field-Modified to Match-Fit Varying Width Gap Along Height of the Door (see installation instructions)

#### **PRODUCT CONSISTS OF:**

- + Formed Metal Edge, 20-Gauge Steel, Embossed With UL Mark
- + Powder Coated, Primer Gray
- + Hardware Pack
  - #10 × 3/4" FHPH SS TEK
  - #10 × 21/2" FHPH SS SMS
- + GapGuard™ Fire Caulk (see Installation Instructions)

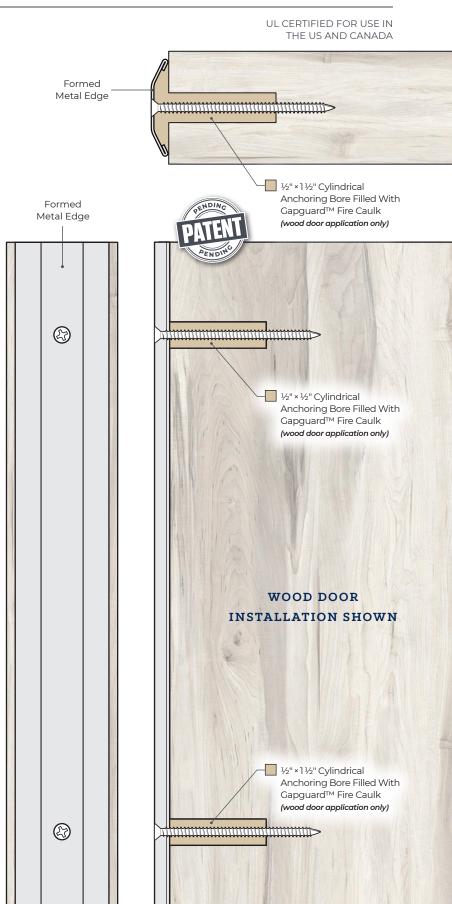


POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR **ACCESSORY** 



#### **SPECIAL NOTES:**

- 90-Minute Rated UL Certified Miscellaneous Fire Door Accessory on UL10B and UL10C Wood or Hollow Metal Fire Doors.
- · 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  $must\ be\ Installed\ using\ GapGuard^{\text{\tiny M}}\ Fire\ Caulk.$

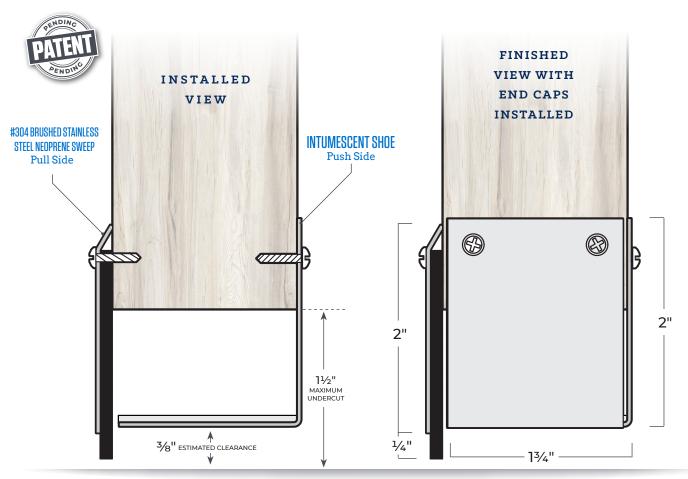








UL CERTIFIED FOR USE IN THE US AND CANADA



#### PRODUCT INFORMATION

# UL Certified for Door Bottom Gaps — Measuring up to 1½".

- Restricts the Passage of Smoke
- 90-Minute Rated for Use on UL10B and UL10C Wood or Hollow Metal Fire Doors
- Patent Pending
- Available in 36" and 48" Lengths
- Non-Handed



POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR ACCESSORY

#### **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

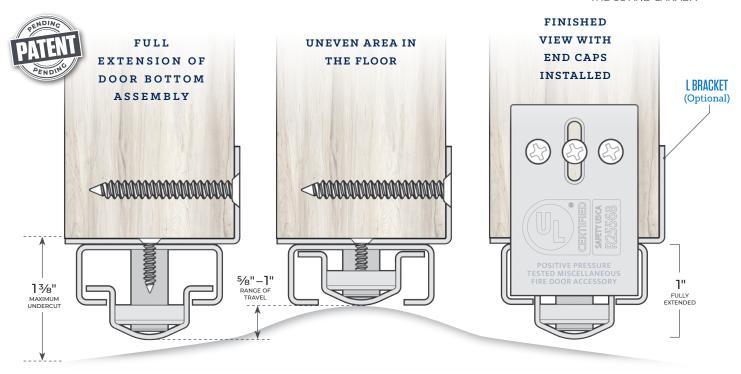
#### DOOR BOTTOM GAP SOLUTION







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 13/8".

- Application Certified on both Hollow Metal and Wood Fire-Rated Doors, up to 90-Minutes
- Patent Pending
- Non-Handed
- L-bracket Allows Installation while Door Remains on Hinges
- ▶ Field Trim to Fit: up to 1½" 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"

#### **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 × 1 ½" PHPH SS SMS (DKB)
  - #8-32×13/4" PHP SS Thru-Bolt (DKB)
  - #6×3/8" SS TEK
  - #10 × 2" PHPH SS SMS
  - #6×3/4" FHPH SS SMS (DKB)

Powder Coated, DKB



POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR **ACCESSORY** 





GapGuard™ Fire Caulk Fill \_\_\_-

WOOD DOOR

INSTALLATION

SHOWN

#### 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 Prep's.

#### PRODUCT INFORMATION

- Application Certified On Both Hollow Metal And Wood Fire-Rated Doors Up To 90-Minutes
- Patent Pending
- Certified for Filling Manual or Automatic Flush Bolt Cavities

#### **PRODUCT CONSISTS OF:**

- + HP90 2" × 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 × 1-3/4" FHPH SS machine screw
  - #8 × 3/4" FHPH SS combo screw
  - #12 × 1" FHPH SS combo screw
  - #8 × 3/4" FHPH SS SMS
  - #12 × 1" FHPH SS SMS
- + GapGuard™ Fire Caulk (see Installation Instructions)



Filler

Plate

HP90

POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR



#### 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-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 Prep's.

#### PRODUCT INFORMATION

- Application Certified on Both Hollow
   Metal and Wood Fire-Rated Doors up to
   90-Minute
- Patent Pending
- Certified for Filling Mortise Lockset Cavities

#### **PRODUCT CONSISTS OF:**

- + HP90 4" × 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 × 1-3/4" FHPH SS machine screw
  - #8 × 3/4" FHPH SS combo screw
  - #12×1" FHPH SS combo screw
  - #8 × 3/4" FHPH SS SMS
  - #12 × 1" FHPH SS SMS
- + GapGuard™ Fire Caulk (see Installation Instructions)

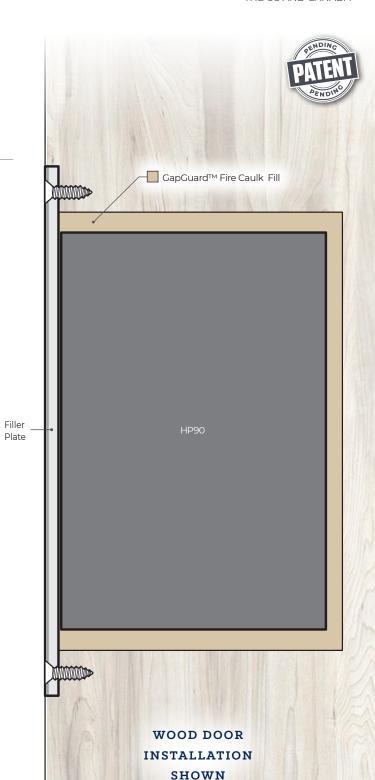


POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR ACCESSORY



#### **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



GAPGUARD™ FIRE DOOR ACCESSORIES

GAP12

# HP90-CYI

#### CYLINDRICAL HARDWARE PREP FILLER







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

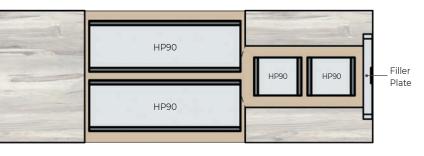
- Application Certified on both Hollow Metal and Wood Fire-Rated Doors, up to 90 Minutes
- Patent Pending

Hardware Prep's.

Certified for Filling Cylindrical Lockset Cavities

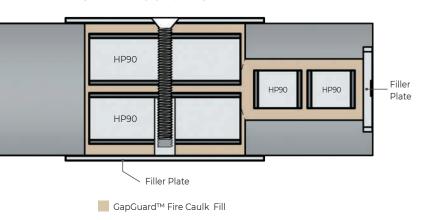


#### WOOD DOOR: INSTALLED VIEW



GapGuard™ Fire Caulk Fill

#### STEEL DOOR: INSTALLED VIEW



UL CERTIFIED FOR USE IN THE US AND CANADA

#### **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 × 13/4" FHPH SS Machine Screw
  - #8 × 3/4" FHPH SS Combo Screw
  - #12 × 1" FHPH SS Combo Screw
  - #8 × 3/4" FHPH SS SMS
  - #12×1" 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







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 Prep's.

- 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 2⅓" Diameter

| date (G) to raid | HP90-1.0  HP90-0.5  HP90-0.5 |  |
|------------------|------------------------------|--|
| PART NO.         | DESCRIPTION                  |  |

| 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 | 1½" 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 both Hollow Metal and Wood Fire-Rated Doors, up to 90-Minutes
- Ocan be Used to Fill up to a ½" Diameter Thru-Hole
- > Fully Cured in 24 Hours
- Can be Sanded and Painted after Full Cure
- Indoor Use Only
- Shelf Life is 12 Months
- o 10.3 fl. oz. Cartridge
- 10 Tubes per BoxColor: Tan



POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR ACCESSORY



# GAPGUARD™ STRIKES

90 MINUTE STRIKE SHIMS





UL CERTIFIED FOR USE IN



UL Certified Miscellaneous GAPGUARD™ for Excessive Door and Frame Clearances, Measuring up to 5/16".

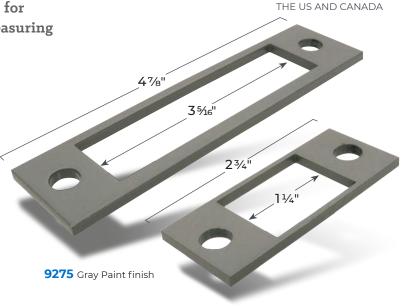
9275 - Fits 4%" 'ASA' Strike Plate 9225 - Fits 2<sup>3</sup>/<sub>4</sub>" 'T' Strike Plate

UL Certified Miscellaneous Fire Door Accessory for Excessive Door and Frame Clearances, Measuring Up To 5/16"

Required for Proper Latchbolt Engagement 90-Minute Rated UL10B and UL10C Wood or Hollow Metal Fire Doors



POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR **ACCESSORY** 



# RD™ THRU-BOLTS

90 MINUTE THRU-BOLTS



9225 Gray, Paint finish

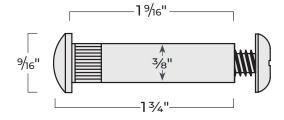




- ▶ Fits 1¾" to 2" Thick Doors
- Zinc-Plated Steel Sleeve with Machine Screws
- Meets Requirements of NFPA 80 for Use on Fire Doors
- Use to Fill Holes in Wood or Steel Fire Doors to Protect Label Compliance
- Available in Boxes of Twenty

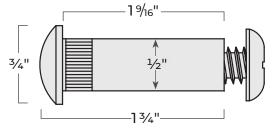


POSITIVE PRESSURE TESTED MISCELLANEOUS FIRE DOOR ACCESSORY



FDTB 3/8" Thread Size 1/4-20 UL CERTIFIED FOR USE IN THE US AND CANADA





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



# STEEL HINGE SHIMS





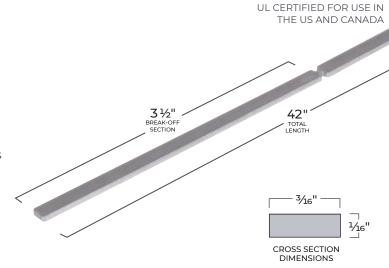


### HS-1

- 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 ½" 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



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY



UL CERTIFIED FOR USE IN



# NOTES



# A SMALL GAP IS A BIG DEAL

UNDERSTANDING THE PROBLEM

A Fire Door "Gap" is the space between the door and the door frame head, jamb or floor. When this space exceeds tolerances (defined by NFPA 80 and enforced by The Joint Commission), it is considered "excessive". The problem with an excessive gap is that it can allow the smoke and/or fire to pass through the opening and jeopardizes the integrity of the door. An excessive gap leads to failed code inspections that will cost your organization thousands of dollars in penalties.

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

### **IDENTIFY "EXCESSIVE" GAPS -**

(As specified by NFPA 80, 2010)

# 





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

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