

GAP SOLUTIONS



BLUE-WINGED TEAL - Breeds primarily in the northern prairies and parklands of central North America. Their relative abundance generally increases from west to east, and north to south within the Prairie Pothole Region. Nesting habitat includes wetland areas within grasslands and marshes.



Regain
Lost
Fire
Ratings

Gap Solutions Product Index

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**Gap Solution for Excessive Fire Door
and Frame Clearances — 20 Minute GS3**
NGP-Edge® Intumescent Fire Seal
Strike Shims — 45 Minute

**Gap Solution for Excessive Fire Door
and Frame Clearances — 45 Minute GS2**
Intumescent Seal
TPE Seal
Steel Stop Extender

**Gap Solution for Excessive Fire Door
Bottom Undercut/Clearance — 20 Minute GS6**
NGP-Edge® Intumescent Door Shoes

**Gap Solution for Excessive Fire Door
Bottom Undercut/Clearance — 45 Minute GS5**
NGP-Edge® Intumescent Door Shoes

**Stainless Steel Continuous Hinges for
Excessive Fire Door and Frame
Clearances — 45 Minute GS4**
SS304 Half Mortise
SS306 with Half Wrap Edge Guard



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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/UL 1784 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 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 inhibit 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: www.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 www.ngp.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, www.ngp.com

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

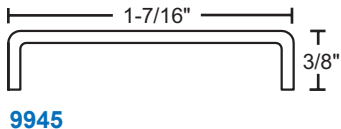
National Guard Products sustainability report may be viewed on our website, www.ngp.com

Contact us regarding our end of use product recycling program.

Gap Solution for Excessive Fire Door and Frame Clearances — 45 Minute

UL Certified Solution for Fire doors with Excessive clearance between door and frame over 1/8", up to 5/16"

Requires installation of ALL components below:



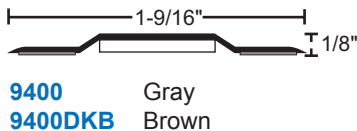
Steel Stop Extender

Patent No.: US9,273,510B2

16 Gauge , Gray Primer Finish

Furnished with #10 X 1" TEK SMS

Available in 36", 48", 84", 96" lengths

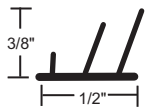


NGP-Edge® Intumescent Seal with PVC cover



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

Self-Adhesive - specifications on page G9



Self-Adhesive TPE Seal



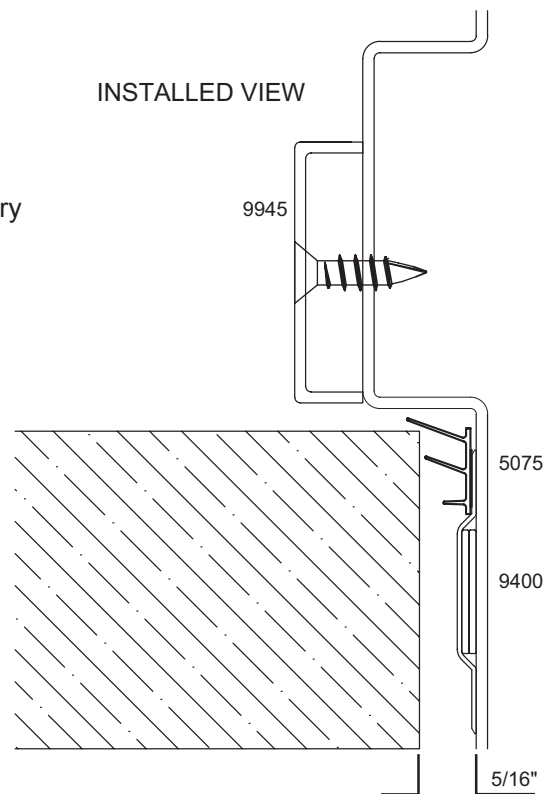
*Anti-Microbial not available in clear

Available in 36", 48", 72", 84", 96" and 108" lengths

45 minute rated UL Certified Miscellaneous Fire Door Accessory
UL10B and UL10C wood or hollow metal fire doors

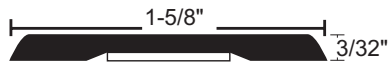
An NGP strike shim 9275 or 9225 is also required for proper latchbolt engagement - see next page.

INSTALLED VIEW



Gap Solution for Excessive Fire Door and Frame Clearances — 20 Minute

UL Certified Solution for Fire doors with Excessive clearance between door and frame over 1/8", up to 5/16"



9200 Gray
9200DKB Brown



Treated with an anti-microbial additive to inhibit the growth of microorganisms.

NGP-Edge® Intumescent Fire Seal

UL Certified Miscellaneous Fire Door Accessory for excessive door and frame clearances, measuring up to 5/16"

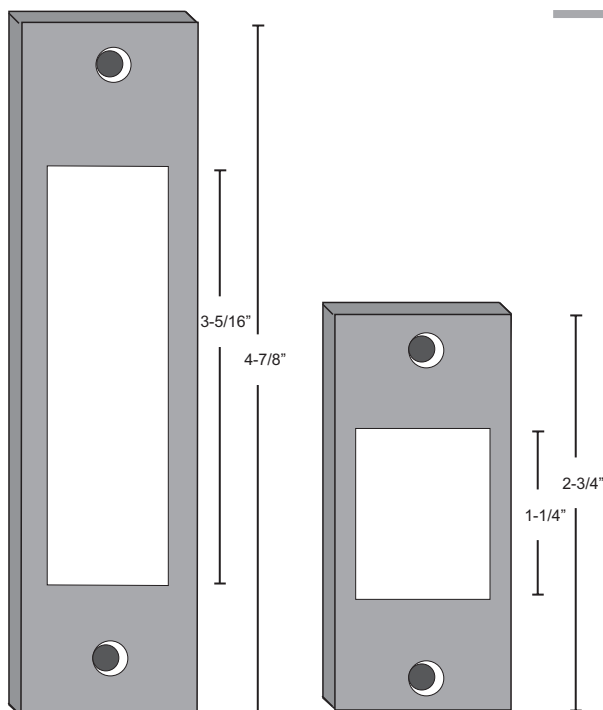
20 minute rated UL10B and UL10C wood or hollow metal fire doors

An NGP strike shim 9275 or 9225 is also required for proper latchbolt engagement.

Intumescent with PVC cover

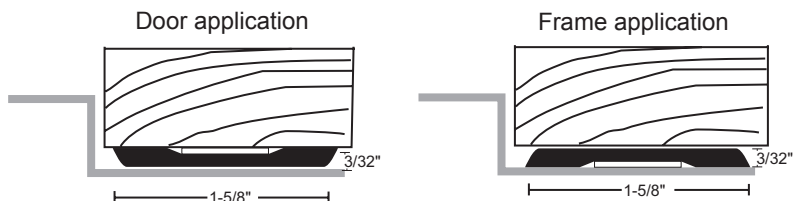
Available in 36", 48", 84", 96" and 108" lengths

Self-Adhesive - specifications on page G9



9275 Gray Paint finish

9225 Gray Paint finish



Strike Shims — 45 Minute

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

9225 - Fits 2-3/4" '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.
45 minute rated UL10B and UL10C wood or hollow metal fire doors

Stainless Steel Continuous Hinges for Excessive Fire Door and Frame Clearances — 45 Minute

UL Certified Solution for 45 Minute Fire Doors with Excessive Clearance between door and frame over 1/8" up to 5/16" when used along with 45 Minute Excessive Clearance Solution items on page GS2

SS304 Half Mortise

SS306 with Half Wrap Edge Guard

- Heavy duty 14 gauge type 304 stainless steel
- Pin and barrel design
- Stainless steel hinge pins
- Medical type self-lubricating flanged bearings between each 2" knuckle provide dust-free quiet and smooth operation
- Fits 1-3/4" doors
- For doors weighing up to 600 lbs.
- 25 year warranty
- #1/4-20 x 3/4" TEK screws for metal frames
- #10 x 1/2" TEK screws for metal doors
- #10 x 1" wood screws for wood doors
- US32D (630) brushed finish
- Standard lengths: 83", 85", 95", 119"

Available Options:

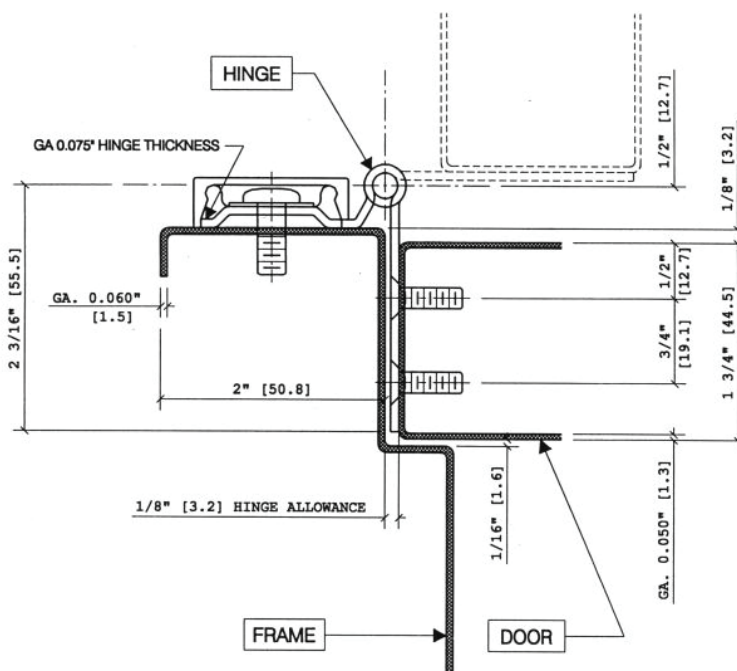
- Torx security TEK Screws
- Cut to net length - specify door handing
- Anti-ligature welded hospital tip - specify "ALHT"
- Dutch door prep - specify door handing, bottom door leaf length, and clearance between leaves
- Electric power transfer prep - see page CH22
- US32 (629) polished finish
- Welded tips for non-rising pins

45 minute rated UL Certified Miscellaneous Fire Door Accessory UL10B and UL10C wood or hollow metal fire doors

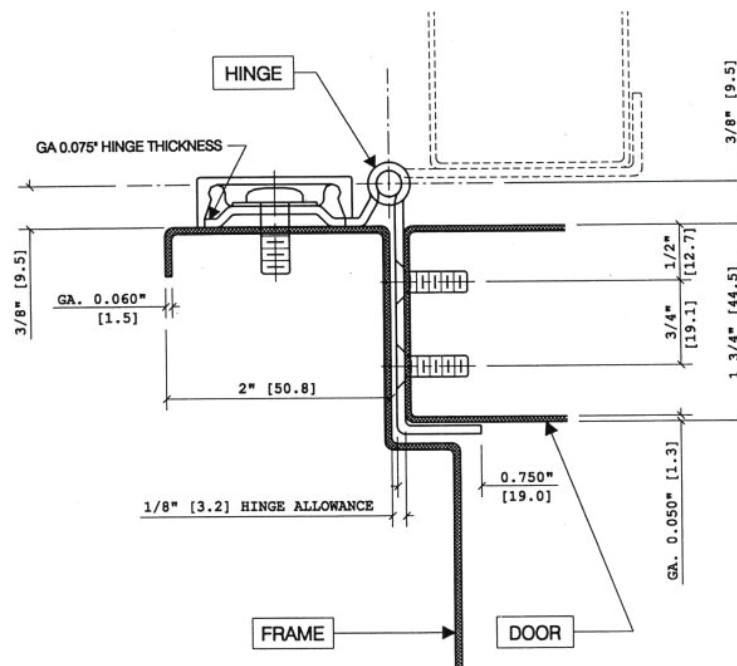


ANSI/BHMA certified to A156.26
American National Standard for
Continuous Hinges:
Grade 1 - 150 lb. door

SS304 HALF MORTISE (EDGE MOUNT)



SS306 HALF MORTISE/GUARD (EDGE MOUNT)



Gap Solution for Excessive Fire Door Bottom Undercut/Clearance — 45 Minute

UL Certified Solutions for Fire doors with Excessive Door Bottom Clearances up to 1-1/2"

NGP-Edge® Intumescent Door Shoes

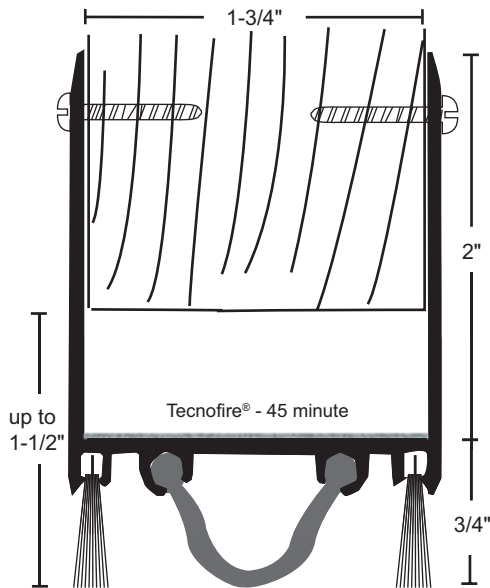
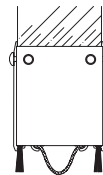
9245 Series

UL Certified Miscellaneous Fire Door Accessory for excessive door bottom undercuts/clearances, measuring up to 1-1/2"

45 minute rated UL10B and UL10C wood or hollow metal fire doors

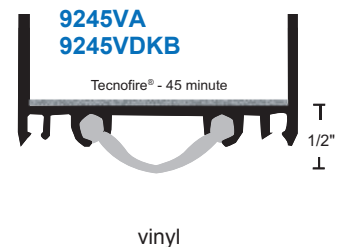
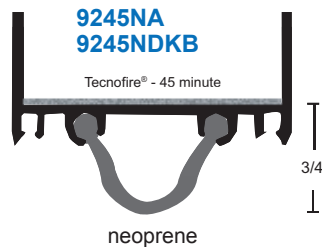
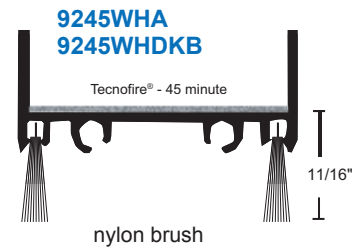
Restricts the passage of smoke

End caps available - sold separately



9245NWA neoprene & nylon brush
9245NWHDKB neoprene & nylon brush

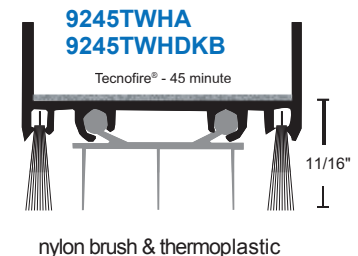
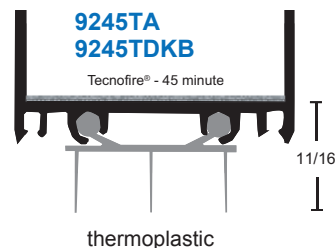
Gasketing options:



#6 x 3/4" Stainless Steel SMS furnished.

A- anodized aluminum
DKB - dark bronze

vinyl is gray
neoprene is black
thermoplastic is dark brown
nylon brush is gray with anodized aluminum; black with DKB metal



Gap Solution for Excessive Fire Door Bottom Undercut/Clearance — 20 Minute

UL Certified Solutions for Fire doors with Excessive Door Bottom Clearances up to 1-1/2"

NGP-Edge® Intumescent Door Shoes

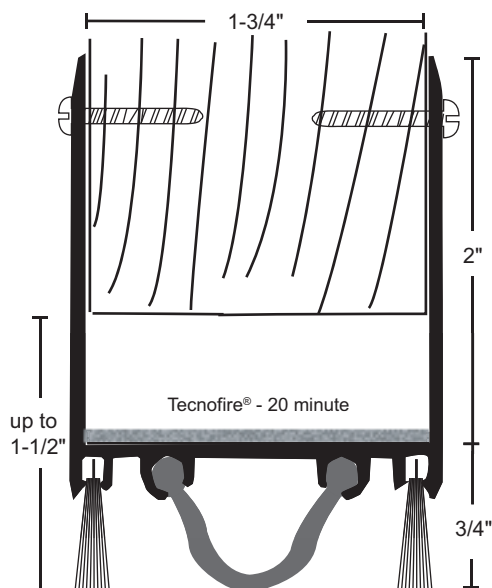
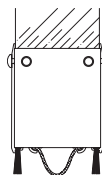
9250 Series

UL Certified Miscellaneous Fire Door Accessory for excessive door bottom undercuts/clearances, measuring up to 1-1/2"

20 minute rated UL10B and UL10C wood or hollow metal fire doors

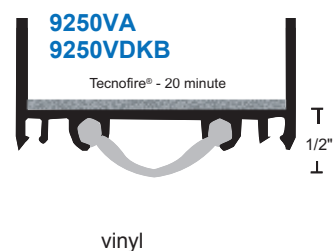
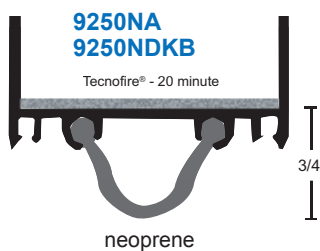
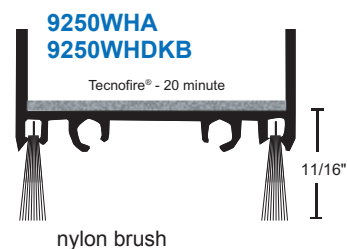
Restricts the passage of smoke

End caps available -
sold separately



9250NWA neoprene & nylon brush
9250NWDKB neoprene & nylon brush

Gasketing options:



#6 x 3/4" Stainless Steel SMS furnished.

A- anodized aluminum
DKB - dark bronze

vinyl is gray
neoprene is black
thermoplastic is dark brown
nylon brush is gray with anodized
aluminum; black with DKB metal

