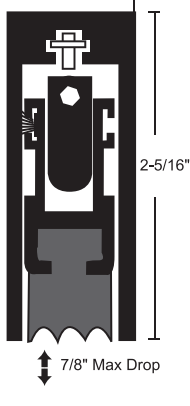




# 420N

Heavy Duty Automatic Door Bottom



STC 44

**BHMA**  
CERTIFIED

See [ngp.com](http://ngp.com) for All Applicable Certifications for this Product.



POSITIVE PRESSURE TESTED GASKETING MATERIALS FOR FIRE DOORS FOR APPLICATION TO HOLLOW-METAL-TYPE FIRE DOORS RATED UP TO 3 HOURS AND WOOD-TYPE FIRE DOORS RATED UP TO 1-1/2 HOURS. CATEGORY H

SMOKE & DRAFT CONTROL GASKETING (CATEGORY H) TESTED TO UL 1784; MEETS REQUIREMENTS OF NFPA 105, IBC FOR USE ON "S" LABEL DOORS.

**S  
M  
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F**

**[ngp.com](http://ngp.com)**  
**1-800-NGP-RUSH**

FAX:  
(800) 255-7874

QUOTES:  
[quotes@ngp.com](mailto:quotes@ngp.com)



## INSTALLATION INSTRUCTIONS

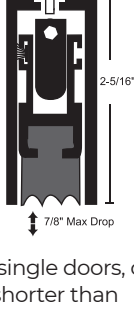


### **WARNING:**

Neoprene products can expose you to chemicals including chloroprene, which is known to the State of California to cause cancer and/or developmental and reproductive harm. For more information, go to [P65Warnings.ca.gov](http://P65Warnings.ca.gov).

*Do not pull drop bar out of case unless disengaged from spring or damage will occur and void warranty.*

## 420N



1. For single doors, cut  $\frac{1}{8}$ " shorter than distance between stops on frame. For pairs, cut  $\frac{1}{16}$ " shorter than distance between stop on frame and meeting edge of door. **DO NOT CUT UNTIL DROP BAR IS EXTENDED IN DOWN POSITION.** Insert (2) nails provided into the small holes on the side of the drop bar to keep drop bar extended while cutting. Do not cut from end with adjusting rod. **MAXIMUM CUT** door bottoms 36" and longer = 4", shorter than 36" should not be field cut. Order net length.
2. With door closed, position on push side of door with adjusting rod toward hinge edge. Align bottom of case flush with bottom of door and  $\frac{1}{16}$ " clearance at each end. Mark screw holes.
3. Drill pilot holes using  $\frac{1}{64}$ " drill bit.
4. Install with screws provided. **DO NOT OVER TIGHTEN.**
5. Set adjusting rod for proper seal. To reduce drop, turn adjusting rod right. To increase drop, turn adjusting rod left. Once hinge end of drop bar makes solid contact, other end will drop. **MAXIMUM drop= $\frac{7}{8}$ "**
6. End cap with hexagon holes should be mounted to door at hinge side end to hold adjustment once set. Install with screws provided. Blank end cap may be installed at other end on single doors only if desired.

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