



# 680

## Nylon Brush Heavy Duty Surface Automatic Door Bottom

### PRODUCT CUT SHEET

#### Material

Aluminum Alloy 6063, T5 Temper  
Synthetic Polymer: Polyamide  
Nylon Brush

- Excellent Abrasion Resistance, Flexibility and Memory
- Moisture-Resistant
- Retains Insecticides Well
- Temperature Range -70°F to 425°F
- REACH and RoHS Compliant
- Not Effective Against Water Penetration
- Mounts on Push Side of Door
- Use with a Threshold for Maximum Sealing Capability
- Nylon Brush Recommended for Carpet Applications where no Threshold is Provided
- Specify Exact Net Length Required to Avoid Field Sizing
- 36" and longer may be Cut up to 4" in the Field, under 36" should not be Cut in the Field, Order Net Length
- Minimum Length 11", Maximum Length 60"
- End Caps Furnished Standard
- For Half Mortise Applications Specify HM in Item Number Prior to Finish (ie: 420NHMDKB)
- 7/8" Max Drop

#### Finishes

680A	Anodized Aluminum	Gray Brush
680B	Gold	Black Brush
680DKB	Dark Bronze	Black Brush



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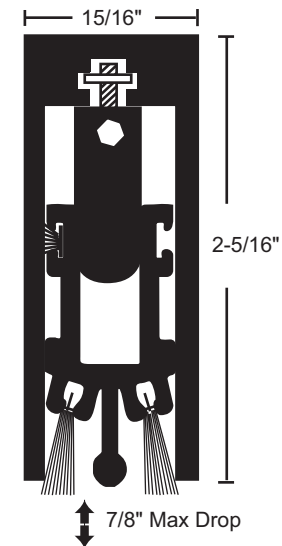
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PROJECT:

SUBMITTED BY:

DATE:

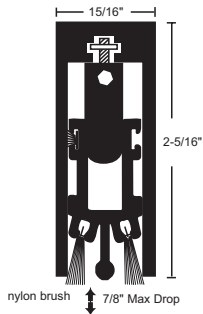
NOTES:



NGP-GKT-680-PCS-0323-A

**ngp.com**  
**1-800-NGP-RUSH**

## 680 Automatic Door Bottom



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

**Caution:** Nylon brush must be cut separately from case and drop bar.

### Installation Instructions

1. Slide brush clear when cutting case and drop bar.
2. For single doors cut 1/8" shorter than distance between stops on frame. For pairs cut 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 in 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 to net length.
3. Cut brush using the cutting section of pliers or diagonal cutters. If bristles are not secure, use a drop of adhesive to secure the brush.
4. 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 1/16" clearance at each end, mark screw holes
5. Drill pilot holes for screws using 1-1/64" drill bit.
6. Install with screws provided. DO NOT Overtighten.
7. 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 = 7/8".
8. End cap with hexagon holes should be mounted to door at hinge side end to hold adjustment once set. Install as illustrated below with screws provided. Blank end cap may be installed at other end on single doors only, if desired.



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 and Draft Control gasketing (Category H) tested to UL 1784; meets requirements of NFPA 105, IBC for use on "S" label doors.

