



# 5050C

## Silicone Bulb Fire and Smoke Seal

### PRODUCT CUT SHEET

#### Material

Self-Adhesive Synthetic Rubber Polymer: Siloxane

- ▶ Excellent Flexibility and Memory
  - ▶ Flame Resistant
  - ▶ Moisture Resistant
  - ▶ Temperature Range -100°F to 500°F, Remains Flexible at Extreme Temperatures
  - ▶ Excellent Resistance to Ozone, UV and Aging
  - ▶ Recommended for Areas Using FM200 or Halon Fire Suppression Systems
  - ▶ BHMA Certified to ANSI/BHMA A156.22 Performance Tests for Heat, Cold and Air Infiltration
  - ▶ Modified Acrylic Pressure Sensitive Adhesive Protected by Release Liner
  - ▶ Provides High Initial Adhesion and Long Term Holding Power for Permanent Mounting in Exterior or Interior Locations
  - ▶ Resistant to Aging, Weathering, UV Radiation, Water, Detergent, Alcohol and the Influence of Chemicals
  - ▶ End Use Temperature Range of Adhesive, Long Term Exposure -30°F Up To 250°F
  - ▶ Shelf Life of Adhesive Prior to Installation is One Year When Stored at 75°F and 50% Relative Humidity or Less
  - ▶ Meets Requirements of RoHS Directive
  - ▶ ½" Wide x ¼" Tall
  - ▶ Available in 17', 20', 21', 25' and 300' Rolls
- \*Clear Not Available in 21'

#### Color

5050C Charcoal

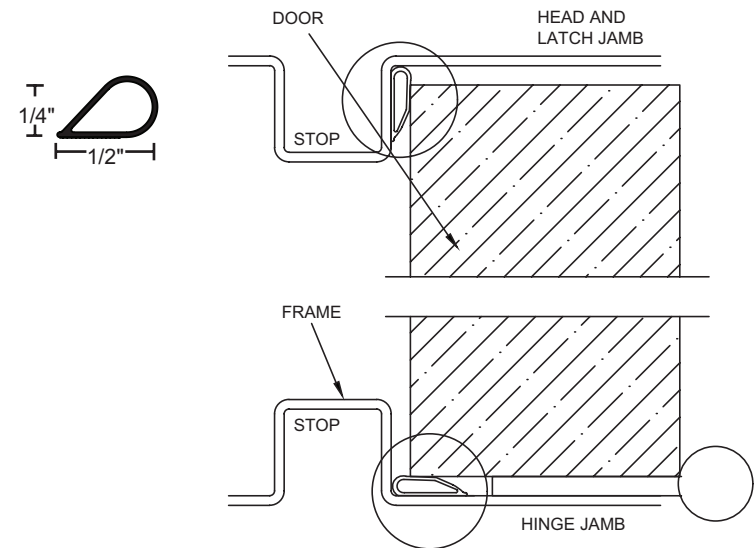


Edge Sealing System - Category "G" for  
20 minute rated category B wood doors  
perimeter application up to:  
single swing 4'0 x 8'0  
pairs 8'0 x 8'0  
use 9550 at the meeting edge of pairs



Smoke and Draft Control - Category "H"  
Up to 3 hours Hollow Metal fire doors  
Up to 90 minutes Wood fire doors

PROJECT:
SUBMITTED BY:
DATE:
NOTES:

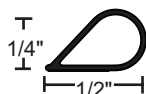


NGP-GKT-5050C-PCS-0221-A



# 5050C-17'

## Self-Adhesive Silicone Seal UL Tested and Certified for Fire and Smoke Doors



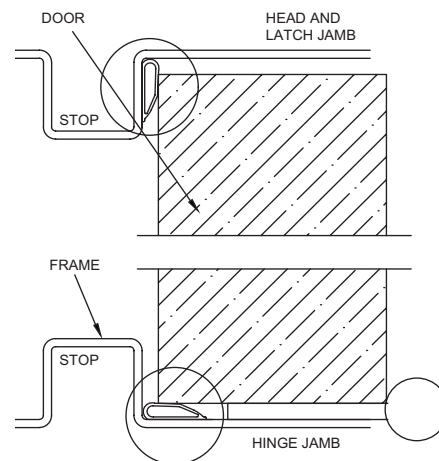
- \* Seals against smoke, fire, air, sound and weather
- \* Unaffected by sunlight, ozone and ultraviolet rays
- \* Excellent compression; door latches easily



**Made in USA**

### Installation Instructions

1. The surface temperature of the frame must be above 50°F for the adhesive to bond.
2. Clean frame with clean wipe provided to remove dust, oil, grease and dirt. Wax coated or high gloss painted surfaces may require roughening of the surface with a Scotch-Brite™ pad or sandpaper so adhesive will properly bond.
3. Measure and pre-cut pieces to fit the head and jambs.
4. Remove protective backing 1 to 2 feet at a time.
5. Position on frame where illustrated, allowing approximately 1/16" between seal and frame for clearance when compressed.
6. Adhere by pressing firmly (approx. 15 lbs. pressure required) straight down along entire length of gasketing. Do not remove and relocate.  
**WARNING:** Do not rub along length from one end toward other end during installation as gasket will stretch and not adhere properly.
7. Make sure the seal does not impede proper closing and latching of the door.



NGP-EDGE® Sealing System (Category G) for use on category B wood type fire doors rated up to 20 minutes, single swing up to 4'0" x 8'0" and pairs up to 8'0" x 8'0"



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 1½ HOURS.  
CATEGORY H  
FOR APPLICATION TO CATEGORY B WOOD-TYPE FIRE DOORS RATED UP TO 20 MIN.  
CATEGORY G, H

Smoke & draft control gasketing (Category H) tested to UL 1784; meets requirements of NFPA 105, IBC for use on "S" label doors.

Scotch-Brite™ is a trademark of 3M Company.

10.20

#### STORAGE AND SHELF LIFE

The adhesive on this seal has a shelf life of one year stored at 75°F and 50% relative humidity or less

800-647-7874  
**ngp.com**