

TECH-SPEC: PRODUCT REFERENCE SHEET
S88
PRODUCT:

S88BL17	S88C17	S88D17	S88GR17	S88TAN17	S88W17
S88BL18	S88C18	S88D18	S88GR18	S88TAN18	S88W18
S88BL20	S88C20	S88D20	S88GR20	S88TAN20	S88W20
S88BL21	S88C21	S88D21	S88GR21	S88TAN21	S88W21
S88BL25	S88C25	S88D25	S88GR25	S88TAN25	S88W25
S88BL30	S88C30	S88D30	S88GR30	S88TAN30	S88W30
S88BL204	S88C204	S88D204	S88GR204	S88TAN204	S88W204
S88BL510	S88C510	S88D510	S88GR510	S88TAN510	S88W510

CATEGORY: Adhesive Gasketing

TYPE: Self-Adhesive Perimeter Seal

FINISHES: BL (Black), C (Clear), D (Dark Brown), GR (Gray/Light Gray), TAN (Tan), W (White)

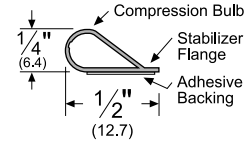
LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

WIDTH: 1/2" (12.7 mm)

HEIGHT: 1/4" (6.4 mm)

WEIGHT: Varies per package/size.

RATINGS:

PROFILE DRAWING

PHOTO

PRODUCT

- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors.

APPROVALS:

- S44, S77 and S88 are air infiltration tested in accordance with ASTM E-283-04. Air infiltration is only .09 CFM/ft. of crack.
- Smoke tested in accordance with UBC 7-2 and UL 1784-01; meets the requirements of NFPA 105 "Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives".
- Category B - Doors - additional edge sealing system required - see Category G. Requires Category G system with gasket for fire and possibly smoke.
- Category G - Edge-Sealing Systems - systems that are surface applied to frames or doors and required for Category B doors. S88 meets Category G requirements for 3' x 8' listed wood core fire doors installed in steel door frames, rated 20 minutes.
- Category H - Gasketing - Smoke and draft control for positive pressure openings. Recommended products are PK33, PK55, S44, S88 and S773.
- Category H gaskets for use with listed steel frames and/or classified steel covered composite, hollow metal doors rated up to and including 3 hours; wood and plastic covered composite doors rated up to and including 1-1/2 hours; and wood core doors rated for 20 minutes without hose stream. When applied to the door and frame assembly in accordance with the manufacturers installation instruction, the assembly will comply with UBC 7-2 (1997) part II.
- Category J - Doors - gasketing that has been tested on a positive pressure fire door and frame but is not required for the door to obtain its fire door rating. Category J gasketing does not negatively affect the rating on a positive pressure door.
- Category J gaskets for use with listed steel frames and/or classified steel covered composite, hollow metal doors rated up to and including 3 hours; wood and plastic covered composite doors rated up to and including 1-1/2 hours; and wood core doors rated for 20 minutes.

ANSI NUMBER: ROE154

LEAD TIME: 4 working days (or less).

STOCKED: Currently, S88 is shipped from Pemko's Memphis, Ventura, Vancouver and Toronto locations.



ASSA ABLOY

MEMPHIS, TN USA

P.O. Box 18966
Memphis, TN 38181
PH. 800.824.3018
FAX 800.243.3656

VENTURA, CA USA

P.O. Box 3780
Ventura, CA 93006
PH. 800.283.9988
FAX 800.283.4050

VANCOUVER, BC CANADA

103-2480 Mt. Lehman Rd.
Abbotsford, BC V2T 6W3
PH. 877.535.7888
FAX 877.535.7444

TORONTO, ON CANADA

220 Creditview Rd., Unit A
Vaughan, ON L4L 9N4
PH 866.243.9816
FAX 866.243.9817

TECH-SPEC: PRODUCT REFERENCE SHEET (Cont.)

S88

CROSS REFERENCE: DraftSeal: DS66
Hager: 726S
KN Crowder: W-22
NGP: 5050
Zero: 188S

INSTRUCTIONS: Available upon request (and on website).

CAD DRAWINGS: Available upon request (and on website).

PROFILE DRAWINGS: Available upon request (and on website).

CUT SHEET: Available upon request (and on website).

OVERVIEW: S88 is an adhesive-backed bulb silicone gasketing product installed on the perimeter of a door opening to slow/prohibit the passage of smoke, fire, weather, sound and dirt. It is rigorously tested and offered in many colors (finishes) guaranteed to blend unobrusively into any structure.

FEATURES (COMPETITIVE ADVANTAGES):

- Manufactured of high temperature silicone rubber, effective between -58°F and +450°F.
- Manufactured using the best acrylic adhesive for a secure application.
- Pemko’s S88 exceeds air infiltration ratings by a factor of 7 or better.
- Pemko’s S88, when applied in a double row, is 93% efficient for sound control.

BENEFITS:

- Compression bulb helps to absorb the door’s closing impact; requires an extremely low latching and opening force.
- Compression bulb reduces friction to promote a low closing force.
- Seal begins compressing at 1/4”; compresses to seal up to a 1/16” gap.
- Pemko’s S88 maintains the integrity of a sound rated door.
- S88 is classified as Category J for Fire; Category H for Smoke.
- S88 is a Category G “Edge Sealing System” when applied to Particleboard Core or Stave Core wood doors and frames with an equal or greater specific gravity than 0.47.
- Self-extinguishing and non-toxic. Unaffected by sunlight, ozone and ultraviolet rays.
- Impervious to fungus and mildew; will not deteriorate under normal exposure.
- Easy to install. No mechanical fasteners are required.
- Durable and long lasting.
- Coiled for easy shipment.

APPLICATIONS: S88 can be used on door applications that require fire and smoke protection. It is an excellent solution for controlling air infiltration or where sound attenuation is required. Can also be installed on any exterior door application requiring protection from weather conditions to minimize heat loss and drafts.

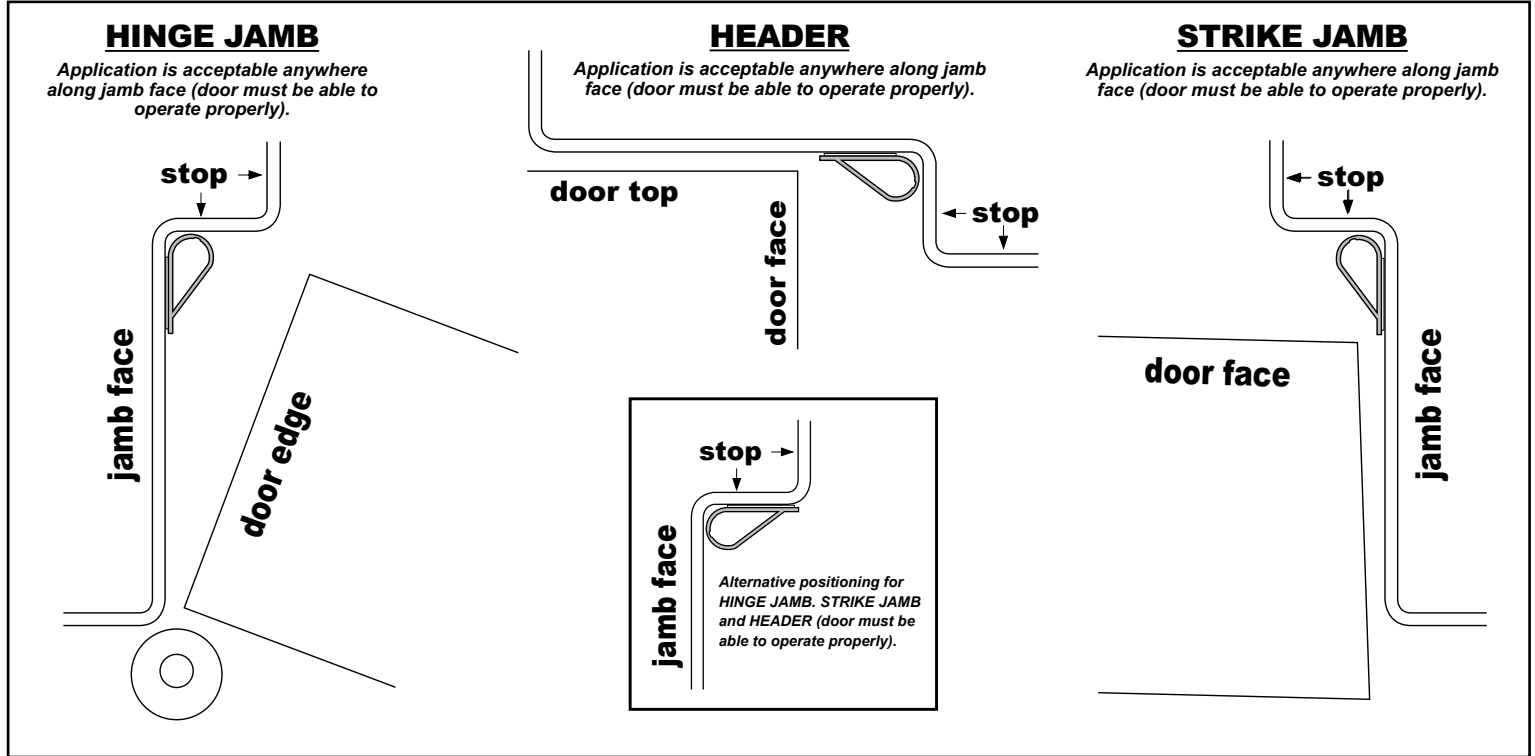
- Hotels
- Dormitories
- Nursing Facilities
- Hospitals
- Government Facilities and more!

TYPICAL INSTALLATION: Pemko’s S88 has an adhesive backing and should be installed on clean, dry and cured surfaces. S88 can be installed on either the door stop or the frame rabbet. It is important to verify the tolerances between the door and frame. When installed, it must not impede the proper operations of the door assembly.

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APPLICATION DRAWINGS:



NOTES: All adhesive gaskets have a limited shelf life. These products must be used within 6 months of purchase and must be stored between 50 degrees (F) and 100 degrees (F).