

TECH-SPEC: PRODUCT REFERENCE SHEET

S44

PRODUCT: S44_

Example: S44|D|21

Profile #:	Finish:	Size/Length:
S44	D	21 = 21' coil

CATEGORY: Adhesive Gasketing

TYPE: Self-Adhesive Perimeter Seal

FINISHES: BL (Black), D (Dark Brown), W (White)

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

WIDTH: 7/16" (11.1 mm)

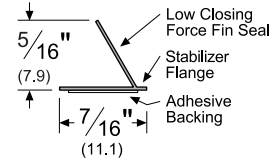
HEIGHT: 5/16" (7.9 mm)

WEIGHT: Varies per package/size.

RATINGS:



PROFILE DRAWING



PHOTO



PRODUCT

- APPROVALS:**
- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors.
 - 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".
 - Air infiltration tested in accordance with ASTM E-283-04. Air infiltration is only .09 CFM / ft of crack.
 - Category H - Gasketing - Smoke and draft control for positive pressure openings.
 - 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, S44 is shipped from Pemko's Memphis, Ventura, Vancouver and Toronto locations.

CROSS REFERENCE:
Hager: 728S
NGP: 5020
Reese: 798
Zero: 8144N

INSTRUCTIONS: Available upon request (and on website).

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

TECH-SPEC: PRODUCT REFERENCE SHEET (Cont.)

S44

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

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

OVERVIEW: S44 is an adhesive-backed 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 -76°F and +446°F.

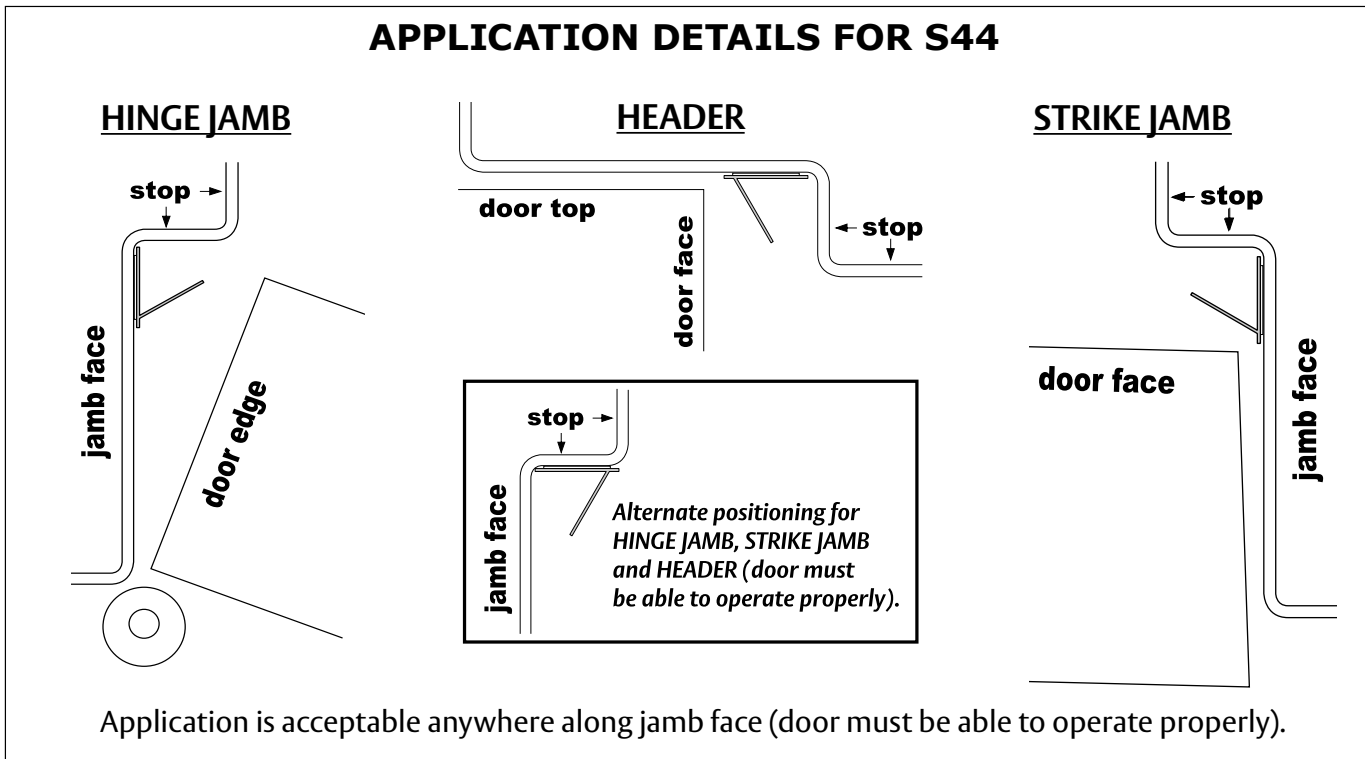
BENEFITS:

- Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at 5/16". Compresses to seal up to a 1/16" gap.
- Self-extinguishing and non-toxic. Unaffected by sunlight, ozone and ultraviolet rays.
- Impervious to fungus and mildew; will not deteriorate under normal exposure.

APPLICATIONS: S44 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.

TYPICAL INSTALLATION: Pemko's S44 has an adhesive backing and should be installed on clean, dry and cured surfaces. S44 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.

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).