

**TECH-SPEC: PRODUCT REFERENCE SHEET**
**S773**
**PRODUCT:** S773\_

Example: S773|D|21

Profile #:	Finish:	Size/Length:
S773	D	21 = 21' coil

**CATEGORY:** Adhesive Gasketing

**TYPE:** Self-Adhesive Perimeter Seal

**FINISHES:** BL (Black), D (Dark Brown), GR (Light Gray), W (White)

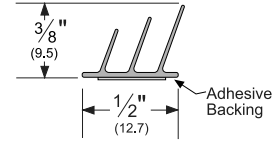
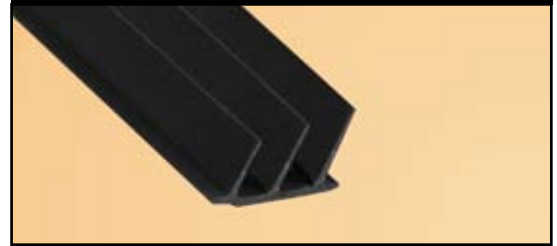
**LENGTHS:** 17', 18', 20', 21', 25'

**WIDTH:** 1/2" (12.7 mm)

**HEIGHT:** 3/8" (9.5 mm)

**WEIGHT:** Varies per package/size.

**RATINGS:**

**PROFILE DRAWING**

**PHOTO**

**PRODUCT**

- APPROVALS:**
- Tested and approved under UL 10C for fire; UL 1784 for smoke and ASTM E90 and BS EN ISO 140-3 for sound control.
  - Air infiltration tested in accordance with ASTM E-283-91. Air infiltration is only .09 CFM/ft. of crack.
  - Category G - Edge-Sealing Systems - systems that are surface applied to frames or doors and required for Category B doors. S773 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.
  - 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, S773 is shipped from Pemko's Memphis, Ventura, Vancouver and Toronto locations.

**CROSS REFERENCE:** DHSI: 105 Cush N Seal

**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).

[www.pemko.com](http://www.pemko.com)

**TECH-SPEC: PRODUCT REFERENCE SHEET (Cont.)**
**S773**

**OVERVIEW:** S773 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 unobtrusively into any structure.

**FEATURES (COMPETITIVE ADVANTAGES):**

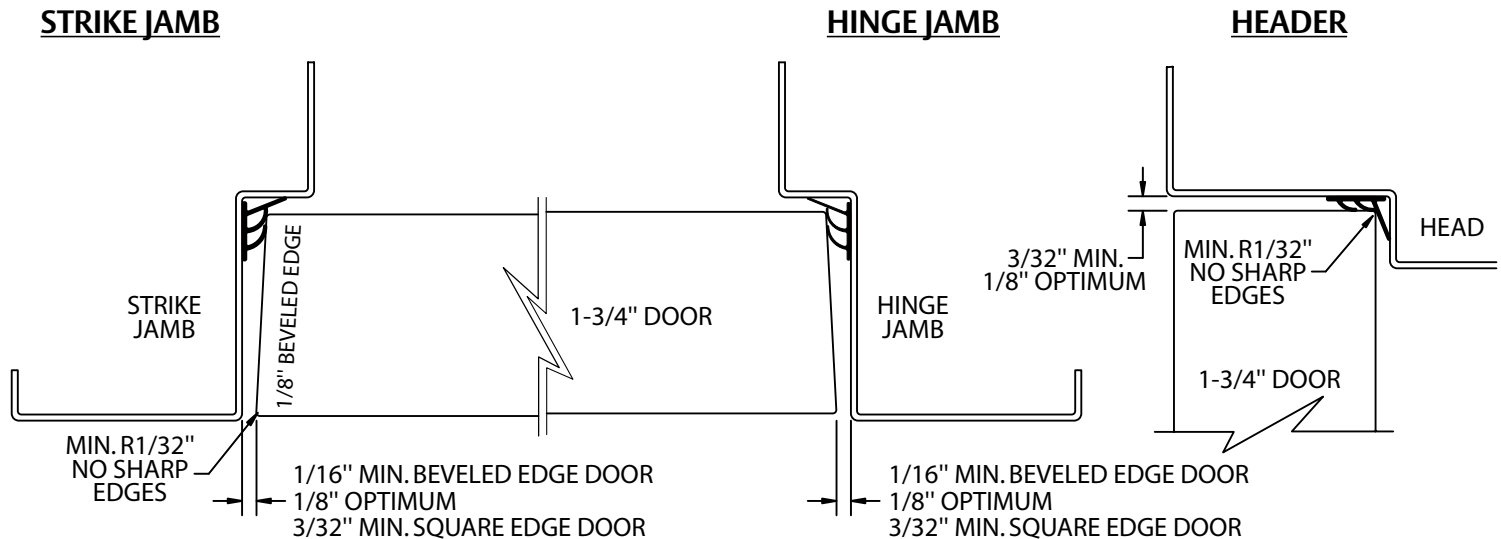
- During sound attenuation testing of the S773 adhesive perimeter seal in conjunction with Pemko automatic door bottom (411\_PKL) and Pemko acoustic corner pad (ACP112), the door assembly achieved a 97 percent efficiency rating.

**BENEFITS:**

- S773 adhesive perimeter seal is extruded from high-temperature silicone; effective between -76 degrees (F) and 446 degrees (F).
- Triple-fin gasketing design effectively blocks light and sound from infiltrating a room.

**APPLICATIONS:** S773 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 S773 has an adhesive backing and should be installed on clean, dry and cured surfaces. S773 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).