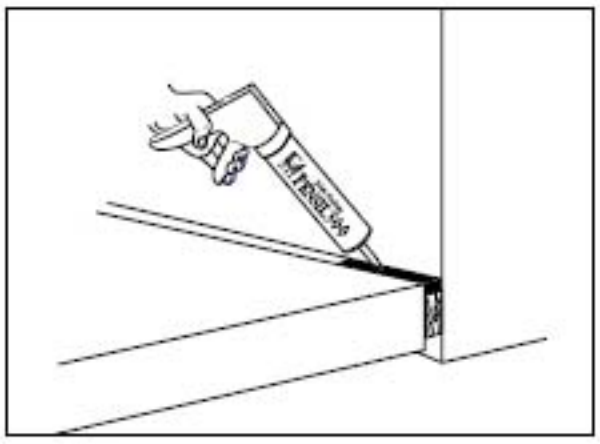
Specified Technologies, Inc.

PRODUCT DATA SHEET

PENSIL® PEN300 Silicone Sealant



CLASSIFIED UL 3L73 31X5

FILL, VOID OR CAVITY MATERIALS CLASSIFIED BY UNDERWRITERS LABORATORIES INC.® FOR USE IN JOINT SYSTEMS & THROUGH-PENETRATION FIRESTOP SYSTEMS.

SEE UL FIRE RESISTANCE DIRECTORY

CLASSIFIED C UL

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SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE DIRECTORY

FEATURES

- **Low Modulus** allows up to ± 50% movement in joints.
- **Auto Bonding** allows fresh sealant to adhere to cured sealant.
- **Excellent Water Resistance** for water-tight sealing.
- **Ozone and UV Resistant** for excellent weathering ability and long service life.
- **Excellent Chemical Resistance** protects in polluted or corrosive atmospheres.
- **Excellent Adhesion** to most building substrates.
- **Excellent Smoke Seal**
- **Neutral Cure**

1. PRODUCT DESCRIPTION

Pensil® Silicone Sealants are one-part neutral curing silicone sealants exhibiting superior performance in applications where sealing apertures in walls and floors are needed to control the spread of fire, smoke, toxic gasses, and water during fire conditions.

Pensil® Silicone Sealants react with atmospheric moisture to form a tough durable seal that will adhere to most building substrates without the use of primers. Pensil® products do not contain asbestos or PCBs.

BASIC USES:

Pensil® 300 Firestop Sealant is designed for use in Underwriters Laboratories (UL) classified firestop systems. This material can also insulate openings to prevent damage from occasional water spillage and dust penetration in sensitive areas.

Pensil® 300 Firestop Sealant is available in non slump (PEN300) and self-leveling (PEN300 SL) grades and may also be used to seal vertical and horizontal joints between metals, masonry, concrete and other common construction materials. Pensil® 300 is specially designed for use in static or dynamic joints. The low modulus characteristic minimizes strain on the substrate surface and the elastomeric quality allows excellent recovery from extension and compression cycling.

2. APPLICATIONS

Pensil® 300 is used to seal through-penetrations involving non-combustible penetrants, electrical, data, or telephone cables, construction gaps, expansion joints, curtain wall safing applications, and top-of-wall joints.

3. PHYSICAL PROPERTIES

See Table A.

4. PERFORMANCE

Pensil® Silicone Sealants are the basis for systems that meet the exacting criteria of ASTM E814, (UL 1479), ASTM E1966 (UL 2079), ASTM 1399, as well as the time-temperature requirements of ASTM E119 (UL 263). Pensil® 300 Sealant is ASTM C920 compliant. Systems have been tested with ratings up to 4 hours.

5. SPECIFICATIONS

The firestopping sealant shall be a one-part, neutral curing silicone sealant. The sealant shall be completely water resistant and shall contain neither solvents nor inorganic fibers of any kind. The through-penetration firestop sealant shall allow movement of +25% and shall be UL Classified and tested to the requirements of ASTM E814 (UL1479). The firestop joint sealant shall allow movement up to ±50% and shall be UL Classified and tested to the requirements of UL 2079 (ASTM E1966).

SPECIFIED DIVISIONS

DIV.	7	07840	Through-Penetration Firestopping
DIV.	13	13900	Special Construction Fire Suppression & Supervisory Systems
DIV.	15	15250	Mechanical Insulation – Fire Protection
DIV.	16	16050	Basic Electrical Materials & Methods