



SPC Pipelock Mastic

PRODUCT DATA SHEET

SELECTION & SPECIFICATION DATA

Generic Type	A petrolatum filler
Description	SPC Pipelock Mastic is a filler which profiles areas to be wrapped by easing contours on pipe joints, flanges, valves, bolts, and other irregular shapes. Consists of saturated petroleum based compounds, inert fillers, and reinforcing fibers. SPC Pipelock Mastic is part of the SPC Pipelock system developed for the protection of metal surfaces in severe environments and difficult to protect applications. The system is designed to be applied over hand or power wire brushed surfaces for above ground, buried, and underwater applications. The typical system involves priming the surface with a paste (SPC Pipelock Paste), profiling around irregular shapes with a mastic compound (SPC Pipelock Mastic), and wrapping with a petroleum tape (SPC Pipelock Tape). An optional overwrap tape (SPC Pipelock Overwrap) is used for additional mechanical or electrical resistance. *Please consult the data sheets of the additional system products for additional information and instructions.
Features	• Contain no VOC's • Resists harsh chemical exposures • Will not crack or harden over time • Application in any weather • Provides an impermeable protective layer • No special tools required for application • Complies with AWWA C217 specification • Provides excellent protection against chemical splash or fume attack • Tensile Strength: 45 lbs/inch • Water Vapor Permeability: 0.12 g/m² per 24 hours
Typical Uses	Used for the protection of: Piping, valves, pumps, connectors, flanges, bolt heads or any other difficult-to-protect object. The system is also used in applications where surface preparation is minimal or inadequate for coatings; or where the weather or ambient conditions are such that other methods are not practical.
Primer	SPC Pipelock Paste
Protection Mechanism	The SPC Pipelock system is very simple in its approach to corrosion control and application for long term service. These petrolatum-based products will totally encapsulate an object such as a pipe or pipe flange and seal it off from atmospheric moisture and oxygen, thereby preventing corrosion of the metal substrate. The petrolatum material is inherently acid and caustic resistance, and has outstanding moisture resistance. The system remains flexible indefinitely and as long as the wrap is not broken exposing the metal substrate, it will continue to perform for extended periods of time.
Topcoats	• SPC Pipelock Tape • SPC Pipelock Overwrap Tape (optional - for additional protection)

SUBSTRATES & SURFACE PREPARATION

General	Remove all contaminants such as dirt, oil, scale, and excessive moisture. Remove all loose paint, rust, or other residue by hand or power tool in accordance with SSPC - SP2 or 3. All surfaces should be evenly coated with Paste to fill any voids or surface irregularities and to ensure good contact of the tape.
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APPLICATION PROCEDURES

General

The SPC Pipelock Tape system is applied over minimally prepared steel surfaces (see Substrates and Surface Preparation).

1. The paste is first applied using a stiff brush or hand applied using protective gloves over the entire surface to be protected.

2. The SPC Pipelock Mastic may be used as needed to contour irregular geometries and fill voids that might result in air gaps when the tape is applied. The mastic is packaged as a "block" of material that can be hand-molded and shaped to fit the item being protected (flanges, valves, etc).

3. The SPC Pipelock Tape is then applied using a wrapping technique around the substrate (pipe, flange, etc) using a 55% overlap. The edges of the overlap are to be smoothed over to provide a smooth transition and final appearance. The tape may be cut to varying lengths as needed to completely encapsulate the item being protected.

4. The SPC Pipelock Overwrap is then applied (optional) to provide an additional barrier to provide a more pleasing appearance, for color, for ease of cleaning (prevents dirt build-up) or to help seal-in the petrolatum material from coming in contact with personnel. (Note: The petrolatum remains soft and has a grease-like feel).

PACKAGING, HANDLING & STORAGE

Packaging | **6.6 lbs Block Unit**
Units per Carton: 8
Approx. Weight: 54 lbs

Shelf Life | 36 months at 75 °F (24 °C)
Indefinite when kept at recommended storage conditions and in original unopened containers.

Flash Point (Setaflash) | 464 °F (240 °C)

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