

Soldering Flux and Paste



1. Scope

This standard covers the requirements for soldering flux and paste.

This standard applies to the following Seattle City Light (SCL) stock numbers:

Stock No.	Description
728112	Flux, Soldering
728136	Paste, Soldering

2. Application

Flux and paste are used in the soldering process to allow the solder to flow easily and uniformly into the joint.

3. Industry Standards

Products shall meet the applicable requirements of the latest revision of the following industry standards:

NSF/ANSI 61 – Drinking Water System Components – Health Effects

NSF/ANSI 372 – Drinking Water System Components – Lead Content

ANSI/A-A-51145D – Flux, Soldering, Non-Electronic, Paste and Liquid

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4. Requirements

Soldering flux and soldering paste product requirements shall be as described below.

Stearin candle soldering flux:

- 1-1/4 in diameter
- 3-1/2 in length
- 6 sticks per package

Soldering paste:

- No odor
 - Lead free
 - 1.7 oz can
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5. Packaging

Product shall be packaged to prevent damage during shipping, handling, and storage.

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- Seattle City Light stock number

Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number
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6. Issuance

Stock Unit:

Stock No. 728112: EA
Stock Unit 728136: CN

7. Approved Manufacturer

Stock No.	Description	Manufacturer	Part No.
728112	Flux, Soldering	General Machine Products	04320
728136	Paste, Soldering	RectorSeal	14000

8. Sources

Neuansourinh, Ponet; SCL Standards Engineer and originator of 7570.25
(ponet.neuansourinh@seattle.gov)

SCL Stock Catalog page 76-41; January 13, 2014

www.ansi.org

www.gmptools.com

www.rectorseal.com