

Adhesives, Glues, Cements, and PVC Primers



1. Scope

This standard covers the requirements for adhesives, glues, cements, and PVC primers. This standard applies to the Seattle City Light (SCL) stock numbers cited in Section 6.

2. Application

Adhesives are used for waterproofing splices, terminations, and for use on joints for nitrile rubber gaskets.

Glues are used to bond wood and paper products.

Cements are used for joining PVC and metallic conduit and fittings.

Primers are used to remove surface dirt, grease, and grime from PVC conduit for preparation before solvent cementing.

For specific application information, see Section 6.

3. Requirements

Product requirements shall be as defined in Section 6.

4. Packaging

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

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- SCL stock number
- Quantity

Standard Coordinator
Muneer Shetab

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Brett Hanson

Division Director
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Each shipping container shall be legibly marked with the following information:

- SCL purchase order number

5. Issuance

Stock Unit: See Section 6.

6. Approved Manufacturers

Stock No. 722020

Product Name	3M Nitrile High Performance Rubber and Gasket Adhesive
Mfr./Prod. No.	3M-847
Application	Product is a medium viscosity grade adhesive for many brush or flow applications. Bonds leather, nitrile rubber, most plastics, and gasketing materials to a variety of substrates. Quick drying. For waterproofing splices and terminations.
Color	Dark brown
Size	5 oz tubes
Shelf life	24 months
Issuance	TU



Stock No. 726548

Product Name	Loctite Super Bonder Instant Adhesive
Mfr./Prod. No.	Loctite 49550
Application	Product is a general-purpose cyanoacrylate instant adhesive. For joining nitrile rubber gaskets.
Color	Clear
Size	1 oz bottles
Shelf life	12 months
Issuance	EA



Stock No. 726550

Product Name	DAP Plastic Resin Glue, Powdered
Mfr./Prod. No.	DAP 204
Application	Product is a pre-catalyzed water-activated glue designed to provide strong, durable bonds for wood and wood products.
Color	Amber
Size	1 lb or 4.55 lb containers
Shelf life	12 months
Issuance	LB



Stock No.	726555
Product Name	Elmer's Glue
Mfr./Prod. No.	Elmer's Glue-All
Application	For use with paper products.
Color	White
Size	16 oz
Shelf life	2 years
Issuance	PT



Stock No.	726680
Product Name	PVC Cement
Mfr./Prod. No.	Carlton/Thomas & Betts: VC9923 Plasti-Weld: 40446S Cantex: 7210601
Application	For joining PVC conduit and fittings up to 6" diameter. Do not use for water, sewer or DWV installations.
Color	Carlton/Thomas & Betts: Gray Cantex: Gray Plasti-Weld = Clear
Size	16 oz, 24 per pack for Carlton and Plasti-Weld 8 oz, 24 per pack for Cantex
Shelf life	3 years
Issuance	CN



Stock No.	726685
Product Name	Christy's Red Hot Blue Glue
Mfr./Prod. No.	RH-RHBG-PT
Application	Product is a very aggressive, medium bodied, very fast setting PVC solvent cement. For PVC pipe and fitting applications, potable water, pressure, non-pressure conduit, drain, duct, DWV and sewer.
Color	Deep Blue
Size	16 oz, 24 per Pack
Shelf life	3 years
Issuance	PT



Stock No.	726323
Product Name	Rectorseal Pipe Thread Sealant No. 5
Mfr./Prod. No.	25631
Application	Product is a thread sealant used on pipes made of galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, reinforced fiberglass, and PVC. DO NOT USE ON ABS OR CPVC.
Color	Yellow
Size	1/4-pint brush top, 24 cans per pack
Shelf life	2 years
Issuance	CN



Stock No.	726684
Product Name	Purple Primer
Mfr./Prod. No.	Oatey: 30806 Carlton: VC9932
Application	Used on PVC conduit, duct, wire way and fittings to remove surface dirt, grease and grime for preparation before solvent cementing.
Color	Purple
Size	32 oz, 12 cans per pack
Shelf life	3 years
Issuance	QT



Stock No.	015094
Product Name	Loctite Threadlocker Blue 242
Mfr./Prod. No.	Loctite 209728
Application	For locking and sealing of threaded metal fasteners which require normal disassembly with standard hand tools.
Color	Blue
Size	0.20 oz plastic carded squeeze tube
Shelf life	24 months
Issuance	EA



Stock No.	015095
Product Name	Loctite Threadlocker Red 271
Mfr./Prod. No.	Loctite 209741
Application	For permanent locking and sealing of threaded metal fasteners.
Color	Red
Size	0.20 oz plastic carded squeeze tube
Shelf life	24 months
Issuance	EA



7. Sources

Carlton/Thomas & Betts PVC Sealers & Cements Data Sheet, www.tnb.com

Christy's Red Hot Blue Glue, Publication No. LIT-4049, January 2017

DAP WELDWOOD Plastic Resin Glue, www.dap.com

Loctite 242 Technical Data Sheet; www.loctite.com, August 20, 2024

Loctite 271 Technical Data Sheet; www.loctite.com, August 20, 2024

Loctite 495 Technical Data Sheet, www.loctite.com, May 2004

Purple Primer/Cleaner Technical Specifications, www.oatey.com

Rectorseal No. 5 Product Data Sheet, www.rectorseal.com

Shetab, Muneer; SCL Standards Engineer, originator, and subject matter expert for 7540.25

Seattle City Light

MATERIAL STANDARD

Adhesives, Glues, Cements, and PVC Primers

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Stock Catalog Page 75-3, August 14, 2015

Stock Catalog Page 75-2; October 30, 2013

3M Nitrile High Performance Rubber and Gasket Adhesives, Technical Data Sheet

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