

Slings, Synthetic Webbing, Nylon



1. Scope

This standard covers the requirements for nylon slings, also known as synthetic webbing slings.

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

Stock No.	Length (ft)
765480	3
765484	4
765485	5
765486	6
765488	8
765490	10
765492	12
014932	16

2. Application

Slings are used to rig and hoist loads.

Before starting a job, sling users shall be trained in the selection, inspection, cautions to personnel, effects of the environment, and rigging practices cited in ASME B30.9.

3. Industry Standards

Slings shall meet the applicable requirements of the latest revision of the following industry standard:

ASME B30.9; "Slings, Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings"

Standard Coordinator
Muneer Shetab

Standards Engineering Supervisor
John Shipek

Division Director
Andrew Strong



4. Requirements

4.1 Common

Webbing material	Nylon
Webbing material color	Yellow
Webbing design factor	5 to 1
Abrasion resistant webbing treatment	Required
Wear indicator system	Required
Webbing construction, tensile strength, minimum	9,800 lb/in of webbing width
Width (in)	2
Length (ft)	As cited in Section 9 of this standard
Number of plies	As cited in Section 9 of this standard
Eyes	
End style	Eye/eye
Types	Type 4 (twisted eye)
Treatment	Lined bearing point
Tapering	Tapered eyes

4.2 One-Ply

Table 4.2. Rated Capacity, Minimum

Vertical, lb	3,100
Basket, lb	6,200
Choker, lb	2,480

4.3 Two-Ply

Table 4.3. Rated Capacity, Minimum

Vertical, lb	06,200
Basket, lb	12,400
Choker, lb	04,960

5. Marking

Each sling shall be marked according to the requirements of ANSI/ASME B30.9, Section 9-5.7. This information shall include, but not be limited to:

- Name or trademark of manufacturer
- Manufacturer's code or stock number
- Rated load for at least one hitch type and the angle upon which it is based
- Type of synthetic web material
- Number of legs, if more than one

6. Testing

Test data that establishes compliance with the requirements of ASME B30.9 shall be provided upon request.

7. Packaging

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

Each shipping container shall be marked with:

- Seattle City Light purchase order number
- Seattle City Light stock number

8. Issuance

Stock unit: EA

9. Approved Manufacturers

Stock No.	Length (ft)	Number of Plies	Manufacturers and Catalog Numbers			
			Lift-All	Lift-It	OSP Sling	Tuffy Products
765480	3	1	EE1802NUTX3	EE1-902HTTX3	EE1-902-3	EET-1-902-3BWE
765484	4	1	EE1802NUTX4	EE1-902HTTX4	EE1-902-4	EET-1-902-4 BWE
765485	5	2	EE2802NUTX5	EE2-902HTTX5	EE2-902-5	EET-2-902-5 BWE
765486	6	2	EE2802NUTX6	EE2-902HTTX6	EE2-902-6	EET-2-902-6 BWE
765488	8	2	EE2802NUTX8	EE2-902HTTX8	EE2-902-8	EET-2-902-8 BWE
765490	10	2	EE2802NUTX10	EE2-902HTTX10	EE2-902-10	EET-2-902-10 BWE
765492	12	2	EE2802NUTX12	EE2-902HTTX12	EE2-902-12	EET-2-902-12 BWE
014932	16	2	EE2802NUTX16	EE2-902HTTX16	EE2-902-16	EET-2-902-16BWE

10. References

Shetab, Muneer; SCL Standards Engineer and subject matter expert for 7654.80

Shipek, John; SCL Standards Engineer, subject matter expert and originator of 7654.80

www.lift-all.com

www.lift-it.com

www.ospsling.com

www.tuffyweb.com