

Putty, Electrical Insulation



1. Scope

This standard covers the requirements for electrical insulation putty.

This standard applies to Seattle City Light Stock No. 736750.

2. Application

This product is a self-amalgamating, low voltage insulating putty designed for quick void-free insulation build-up. It is easily molded by hand to conform to irregular shapes and can be used as primary insulation for splices through 5 kV in conjunction with other insulating tapes. Insulation putty provides an excellent moisture seal.

3. Properties (nominal)

Material	Putty
Material thickness	125 mil
Color	Black
Temperature, normal service, max	80°C (176°F)
Core Diameter	1-1/2 in
Shelf life (inside storage)	5 years from the date of manufacture

Standards Coordinator
John Shipek

Standards Supervisor
John Shipek

Unit Director
Darnell Cola

4. Packaging

Putty shall be packaged to prevent damage during shipping, storage, and casual handling prior to use.

Each roll of putty shall be individually packaged and legibly marked with the following information:

- Manufacturer name
- Product number
- Product description

Number of rolls per case shall be according to Section 6.

Each shipping container shall be marked with the SCL purchase order number.

5. Issuance

RL

6. Approved Manufacturers

Stock No.	736750
Description	Electrical insulation putty, 1-1/2 in x 5 ft roll

Manufacturer	3M
Product	Scotchfil ®
ID	80610833727
UPC	054007-41750
Case Quality:	12 rolls

Manufacturer	Plymouth (formerly Bishop)
Product	Plyfill ®
Catalog	2644
Case Quality	12 rolls

7. Sources

3M Electrical Products catalog, 80-6016-0382-4, 2011

3M Scotchrap Tape 50, 51 & Pipe Primer, 3M Scotchfil ® Electrical Insulation Putty, Data Sheet, May 2013, 78-8129-9283-8 Rev C

Plymouth Electrical & Utility Products online catalog, undated, downloaded June 10, 2013

Scotchfil ® Electrical Insulating Putty Material Safety Data Sheet, 11/09-10

Shipek, John; Standards engineer and originator of 7364.80

www.3m.com/electrical

www.plymouthrubber.com/catalogo.php