

MATERIAL STANDARD**Tape, Sealing and Insulating Mastic****1. Scope:**

This Material Standard covers the requirements for self-amalgamating sealing and insulating mastic.

2. Application:

For sealing all types of overhead and direct buried electrical connections up to 600 volts.

For waterproofing duct work, cable ends, and all types of splices.

Product is not appropriate for applications that may contact the semi-con layer of primary cable.

3. Physical Requirements:

Size: 1/8" x 3-3/4" x 120"
 Water Absorption: 2.5% maximum by weight per ASTM D 570, Paragraph 7.1; 24 hour immersion at 73.4° F (23° C)

4. Electrical Requirements:

Dielectric Strength: 350 volts/mil minimum on 0.020" thick specimen

5. Temperature Properties During Operation:

-40° F to 194° F (-40° C to 90° C)

6. Common Name:

This product is commonly referred to as "Aqua Seal", regardless of who manufactured it.

7. Packaging:

In roll form with release liner on one side to assure easy unrolling. Rolls to be packaged individually.

8. Stock Unit: RL**9. Approved Manufacturers:**

Stock Number: 736470

Manufacturer	Trade Name	Catalog Number
3M	Scotch Seal	2229
Cooper Power Systems (formerly Kearney)	Aqua Seal	104742
Plymouth	10 Plyseal	2626

10. References

D-570, "Standard Test Method for Water Absorption of Plastics," ASTM, 1995.

Standards Coordinator
John Shipek

Standards Supervisor
John Shipek

Unit Director
Darnell Cola