

STEEL ELECTRICAL METALLIC TUBING (EMT)



1. Scope

This material standard covers the requirements for steel electrical metallic tubing, also known as EMT or thinwall conduit. EMT bends and fittings are outside the scope of this standard.

This material standard applies to the following Seattle City Light Stock Numbers:

Stock Number	Trade Size, in
734880	1/2
734881	3/4
734882	1

2. Application

EMT conduit is used to construct smooth, exposed or concealed raceways for the pulling in of low voltage wire or cable.

EMT conduit is not appropriate for use in concrete below grade or in contact with soil without supplementary corrosion protection.

3. Industry Standards

EMT conduit shall meet the requirements of the following industry standard:

ANSI C80.3-2005 - American National Standard for Steel Electrical Metallic Tubing (EMT)

4. Requirements

EMT conduit shall meet the requirements of ANSI C80.3.

EMT conduit shall not have any features that can abrade or otherwise damage wire or cable.

5. Marking

Each EMT conduit section shall be marked according to the requirements of ANSI C80.3.

The outer surface of each EMT conduit section shall be marked with the manufacturer's name or symbol.

6. Testing

Test data that establishes compliance with the requirements of ANSI C80.3 and this material standard shall be provided upon request.

7. Packaging

EMT conduit shall be furnished in 10 ft sections, unless specified otherwise on the purchase order.

Bundles shall be legibly marked with the following information:

- Manufacturer's identification
- Product description
- Seattle City Light's Purchase Order Number
- Seattle City Light's Stock Number
- Gross, net, and tare weight

8. Shipping

EMT conduit may be delivered on enclosed, covered, or flatbed trucks. If conduit is delivered on a flatbed truck, conduit shall be side-loaded.

Because Washington State law requires a 10 inch minimum side board when driving a forklift or pallet jack onto the bed of a truck or trailer, most flatbed trucks or trailers must be side-loaded to ease off-loading.

9. Issuance

Stock Unit: FT

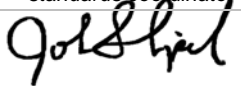
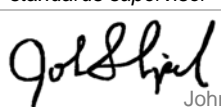
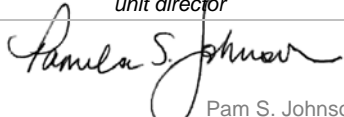
10. Approved Manufacturers

Seattle City Light Material Control personnel may identify and approve distributors, and hence manufacturers, of EMT conduit.

11. References

NFPA 70/NEC-2008, National Electrical Code, Article 358, Electrical Metallic Tubing: Type EMT

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