
Standard Specification for Metallic-Coated Steel Wire Rope and Fittings for Highway Guardrail

AASHTO Designation: M 30-15 (2023)¹

Technically Revised: 2015

Reviewed but Not Updated: 2023

Technical Subcommittee: 4d, Safety Devices

ASTM Designation: A741-11(2016)



American Association of State Highway and Transportation Officials
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1. SCOPE

- 1.1. This specification covers $\frac{3}{4}$ - and 1-in. (19- and 25-mm) metallic-coated steel wire rope and fittings for use in the construction of highway guardrail.
- 1.2. The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

2. REFERENCED DOCUMENTS

- 2.1. *AASHTO Standards:*
- < M 111M/M 111, Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
 - < M 232M/M 232, Zinc Coating (Hot-Dip) on Iron and Steel Hardware
 - < T 65M/T 65, Mass [Weight] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings
 - < T 244, Mechanical Testing of Steel Products
- 2.2. *ASTM Standards:*
- < A902, Standard Terminology Relating to Metallic Coated Steel Products
 - < B6, Standard Specification for Zinc
 - < B750, Standard Specification for GALFAN (Zinc 5% Aluminum-Mischmetal) Alloy in Ingot Form for Hot-Dip Coatings

3. TERMINOLOGY

- 3.1. *Definitions*—For definitions of terms used in this specification, refer to ASTM A902.

4. ORDERING INFORMATION

- 4.1. *Orders for wire rope guardrail material purchased to this specification shall include the following:*