



Designation: A 742/A 742M – 9803

American Association State Highway and
Transportation Officials Standard
AASHTO No. M 246/M 246M

Standard Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe¹

This standard is issued under the fixed designation A 742/A 742M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope*

1.1 This specification covers polymer precoated steel sheet for corrugated steel pipe (CSP) which is coated after metallic coating on continuous lines by coil coating (roller coating or laminating) processes. The metallic coating is either zinc, 55 % aluminum-zinc alloy, or zinc-5 % aluminum-mischmetal alloy. Sheet for this purpose is furnished flat in coils, flat in cut lengths, or corrugated in cut lengths, all being protected by a mill-applied polymer coating on both sides.

~~1.2 This specification is applicable to orders~~

~~1.2 The values stated in either inch-pound units (as A 742) or acceptable SI units (as A 742M). Inch-pound units and SI units are not necessarily equivalent, to be regarded separately as the standard. Within the text, the SI units are shown in brackets. The values stated in the text, but they each system are not equivalents; therefore, each system must be used independently of the applicable values when the material is ordered to A 742M. other.~~

1.3 The following precautionary caveat refers only to the test method portion, Section 9, of this specification: *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

A 929/A 929M Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe²

¹ This specification is under the jurisdiction of ASTM Committee A-5 A05 on Metallic Coated Iron and Steel Products and is the direct responsibility of Subcommittee A05.11 on Sheet Specifications.

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*A Summary of Changes section appears at the end of this standard.