



Standard Specification for Metal, Expanded, Steel¹

This standard is issued under the fixed designation F 1267; 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 approval. 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 expanded metal.

1.1.1 Expanded metal covered by this specification is intended for a variety of applications.

1.2 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only and may be approximate.

1.3 The following precautionary caveat pertains only to the test methods portion, Section 10, of this specification. *This standard does not purport to address all of the safety problems 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 123/A 123M Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products²

A 167 Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip³

A 176 specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip³

A 666 Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar³

A 700 Practices for Packaging, Marking, and Loading Methods for Steel Products for Domestic Shipment⁴

A 1008/A 1008M Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low Alloy with Improved Formability³

A 1011/A 1011M Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability³

2.2 SAE Standard:

SAE J 1086 Metals and Alloys in the Unified Numbering System⁵

2.3 Military Standards:⁶

MIL-C-16173 Corrosion Preventive Compound, Solvent Cutback, Cold-Application

MIL-STD-105 Sampling Procedures and Tables for Inspection by Attributes

MIL-STD-163 Steel Mill Products Preparation for Shipment and Storage

3. Classification

3.1 Expanded metal shall be of the following types, classes, and grades as specified (see 4.1.2).

3.2 Type:

3.2.1 *Type I*—Expanded (see Fig. 1).

3.2.2 *Type II*—Expanded and flattened (see Fig. 2).

3.3 Class:

3.3.1 *Class 1*—Uncoated.

3.3.2 *Class 2*—Hot-dip zinc-coated (galvanized).

3.3.3 *Class 3*—Corrosion-resisting steel.

3.4 Grade:

3.4.1 *Grade A*—0.0025 in. (0.06 mm) minimum coating thickness.

3.4.2 *Grade B*—0.0012 in. (0.03 mm) minimum coating thickness.

4. Ordering Information

4.1 Orders for material under this specification shall include the following information, as required, to describe the material adequately:

4.1.1 ASTM designation,

4.1.2 Type, class, and grade of steel required (see 3.1),

4.1.3 Material required (see 5.1),

4.1.4 Direction of shear, if not as specified (see 5.2.1),

4.1.5 Length, width, and thickness of uncoated mesh, and weight per square foot uncoated (see Tables 1-4),

4.1.6 Size of sheet required, if other than sizes specified in 6.1,

¹ This specification is under the jurisdiction of ASTM Committee A01 on Steel, Stainless Steel and Related Alloys and is the direct responsibility of Subcommittee A01.19 on Steel Sheet and Strip.

Current edition approved Sept. 10, 2001. Published October 2001. Originally published as F 1267 – 89. Last previous edition F 1267 – 91.

² *Annual Book of ASTM Standards*, Vol 01.06.

³ *Annual Book of ASTM Standards*, Vol 01.03.

⁴ *Annual Book of ASTM Standards*, Vol 01.05.

⁵ Available from Society of Automotive Engineers, 400 Commonwealth Dr., Warrendale, PA 15096.

⁶ Available from Standardization Documents, Order Desk, Building 4, Section D, 700 Robbins Ave., Philadelphia, PA 19111-5094, Attn: NPODS.

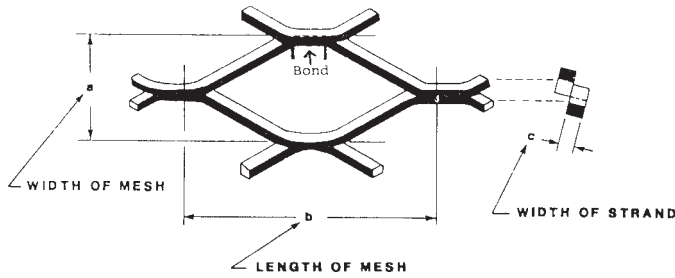


FIG. 1 Type I, Expanded

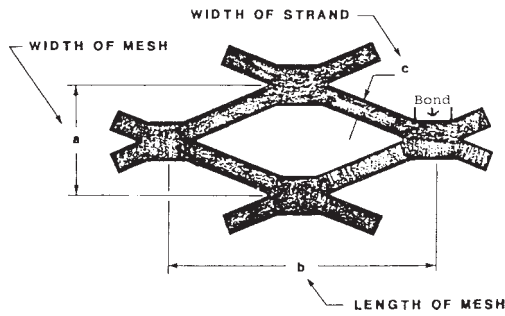


FIG. 2 Type II, Expanded and Flattened

TABLE 1 Carbon Steel Sizes, Strand Sizes, and Weight for Type I, Class 1 Metal^A

| Style Designation | Size of Mesh | | Width of Strand, in. (See Fig. 1(c)) | Weight per Square Foot Uncoated, lb ^C |
|--------------------|---|-----------------------------|--------------------------------------|--|
| | Dimensions Center to Center ^B of Bonds | | | |
| | Width, in. (See Fig. 1(a)) | Length, in. (See Fig. 1(b)) | | |
| ½ number 18 | 0.48 | 1.2 | 0.084–0.092 | (0.70–0.77) |
| ¾ number 13 | 0.92 | 2.0 | 0.090–0.100 | 0.80 |
| ¾ number 10 | 0.92 | 2.0 | 0.136–0.150 | 1.20 |
| ¾ number 9 | 0.92 | 2.0 | 0.136–0.150 | 1.80 |
| | 1.33 | 5.33 | 0.259–0.269 | 3.00 |
| 3 pound grating | 1.44 | 5.00 | 0.232–0.242 | 3.00 |
| 4 pound grating | 1.33 | 5.33 | 0.292–0.304 | 4.00 |
| 1½ number 13 | 1.33 | 3.0 | 0.100–0.116 | 0.60 |
| 1½ number 10 | 1.33 | 3.0 | 0.130–0.142 | 0.79 |
| 1½ number 9 | 1.33 | 3.0 | 0.130–0.142 | 1.20 |
| 1½ number 6 | 1.33 | 3.0 | 0.195–0.210 | 2.50 |
| 4.27 pound grating | 1.412 | 4.0 | 0.292–0.304 | 4.27 |
| 3.14 pound grating | 2.00 | 6.00 | 0.305–0.317 | 3.14 |

^A 1 in. = 25.4 mm; 1 lb = 0.454 kg.

^B A tolerance of ±10 % is permitted in dimensions, center to center.

^C A variation in weight per square foot of ±5 % is permissible, based on the weight of any sheet or bundle.

4.1.7 Whether or not sheets from which samples have been selected for coating thickness test may be included as part of material shipped (see 9.1.2), and

4.1.8 Optional requirements, if any (see Supplementary Requirements S1 through S3).

TABLE 2 Carbon Steel Sizes, Strand Sizes, and Weight for Type II, Class 1 Metal^A

| Style Designation | Size of Mesh | | Width of Strand, in. (See Fig. 2(c)) | Weight per Square Foot Uncoated, lb ^C |
|-------------------|---|-----------------------------|--------------------------------------|--|
| | Dimensions Center to Center ^B of Bonds | | | |
| | Width, in. (See Fig. 2(a)) | Length, in. (See Fig. 2(b)) | | |
| ¼ number 18 | 0.25 | 1.031 | 0.080 | 1.80 |
| ½ number 40 | 0.462 | 1.26 | 0.065 | 0.38 |
| ½ number 18 | 0.462 | 1.26 | 0.100 | 0.70 |
| ½ number 16 | 0.462 | 1.26 | 0.089 | 0.80 |
| ½ number 13 | 0.462 | 1.26 | 0.111 | 1.40 |
| ¾ number 16 | 0.850 | 2.12 | 0.110 | 0.55 |
| ¾ number 13 | 0.923 | 2.12 | 0.137 | 0.76 |
| ¾ number 9 | 0.923 | 2.12 | 0.157 | 1.71 |
| 1 number 16 | 1.05 | 2.562 | 0.106 | 0.41 |
| 1½ number 16 | 1.33 | 3.20 | 0.127 | 0.38 |
| 1½ number 13 | 1.33 | 3.20 | 0.130 | 0.57 |
| 1½ number 9 | 1.33 | 3.20 | 0.165 | 1.14 |

^A 1 in. = 25.4 mm; 1 lb = 0.454 kg.

^B A tolerance of ±10 % is permitted in dimensions, center to center.

^C A variation in weight per square foot of ±5 % is permissible, based on the weight of a bundle.

TABLE 3 Stainless Steel Styles, Weights, Dimensions, and Sheet Sizes for Type I, Class 3 Metal^A

| Style Designation | Weight per Square Foot, lb ^B | Size of Mesh ^C | | Strand, in. ^C (See Fig. 1 (c)) |
|-------------------|---|-----------------------------|------------------------------|---|
| | | Width, in. (See Fig. 1 (a)) | Length, in. (See Fig. 1 (b)) | |
| | | ½ No. 18 | 0.73 | |
| ½ No. 16 | 0.91 | 0.480 | 1.20 | 0.085 |
| ¾ No. 18 | 0.47 | 0.900 | 2.00 | 0.100 |
| ¾ No. 16 | 0.60 | 0.900 | 2.00 | 0.100 |
| ¾ No. 13 | 0.91 | 0.900 | 2.00 | 0.100 |
| ¾ No. 9 | 2.05 | 0.900 | 2.00 | 0.150 |
| 1½ No. 16 | 0.43 | 1.33 | 3.00 | 0.115 |
| 1½ No. 13 | 0.68 | 1.33 | 3.00 | 0.115 |
| 1½ No. 9 | 1.37 | 1.33 | 3.00 | 0.155 |

^A 1 lb = 0.454 kg; 1 in. = 25.4 mm.

^B A variation in weight per square foot of ±5 % is permissible, based on the weight of any sheet or bundle.

^C A tolerance of ±10 % is permitted in dimensions.

5. Materials and Manufacture

5.1 Expanded metal shall be made from Commercial Steel (CS Type B) carbon steel sheets as specified in A 1008 or A 1011 or from stainless steel sheets as specified in A 167, A 176, or A 666.

5.2 Expanded metal shall be manufactured from sheet steel in thicknesses corresponding to Tables 1-4 as specified (see 4.1.5).

5.2.1 Unless otherwise specified (see 4.1.4), the steel shall be sheared so that each sheet will be expanded into uniform diamond-shaped openings, the longer diagonals of which shall be parallel to the rolling direction of the sheet. The strands (c on Fig. 1 and Fig. 2) that form the sides of the openings shall

TABLE 4 Stainless Steel Styles, Weights, Dimensions, and Sheet Sizes for Type II, Class 3 Metal^A

| Style Designation | Weight per Square Foot, lb ^B | Size of Mesh ^C | | Strand, in. ^C (See Fig. 2 (c)) |
|-------------------|---|--------------------------------|---------------------------------|--|
| | | Width, in. (See Fig. 2 (a)) | Length, in. (See Fig. 2 (b)) | |
| 1/2 No. 18 | 0.70 | 0.475 | 1.24 | 0.100 |
| 1/2 No. 16 | 0.90 | 0.475 | 1.24 | 0.100 |
| 3/4 No. 18 | 0.46 | 0.900 | 2.100 | 0.118 |
| 3/4 No. 16 | 0.57 | 0.900 | 2.100 | 0.118 |
| 3/4 No. 13 | 0.88 | 0.900 | 2.100 | 0.118 |
| 3/4 No. 9 | 1.96 | 0.900 | 2.100 | 0.165 |
| 1 1/2 No. 16 | 0.42 | 1.330 | 3.100 | 0.130 |
| 1 1/2 No. 13 | 0.66 | 1.330 | 3.100 | 0.130 |
| 1 1/2 No. 9 | 1.32 | 1.330 | 3.100 | 0.165 |

^A 1 lb = 0.454 kg; 1 in. = 25.4 mm.

^B A variation in weight per square foot of $\pm 5\%$ is permissible, based on the weight of any sheet or bundle.

^C A tolerance of $\pm 10\%$ is permitted in dimensions.

be straight and shall be rectangular in cross-section. Each opening shall be integral with adjoining openings by means of unshered bonds (see Fig. 1 and Fig. 2) of the original sheet.

6. Dimensions, Mass, and Permissible Variations

6.1 Unless otherwise specified (see 4.1.6), Type I expanded metal shall be furnished in sheets 4 ft (1.2 m) wide by 8 ft (2.4 m) long, and Type II, flattened, expanded metal shall be furnished in sheets 4 ft (1.2 m) wide by 8 ft (2.4 m) long.

6.2 Types I and II expanded metal shall be furnished in accordance with the weights and dimensions as specified in Tables 1-4, respectively.

6.3 Tolerances for Type I sheets:

6.3.1 Strand width shall not vary in excess of $\pm 10\%$ of the nominal width.

6.3.2 Sheet width shall be not less than 1/4 in. (6 mm) below ordered width and shall not exceed 1/8 in./ft of sheet width (10 mm/m of sheet width).

6.3.3 Sheet length on 96-in. (2.4-m) length sheets shall not vary by an amount greater than plus 3/4 in. (19 mm) or minus 0 in.

6.3.4 The greatest deviation of a side edge from a straight line shall not exceed 1/4 in. (6 mm) in 96 in. (2.4 m).

6.3.5 Sheet edges shall not deviate from parallel by more than 3/8 in. (10 mm) in 96 in. (2.4 m).

6.3.6 Sheet edges shall be such that any intersecting side and edge shall not be out of square in excess of 1/8 in./ft (10 mm/m).

6.3.7 Sheets shall be free from waves or buckles that are in excess of 3/4 in. (19 mm) from a plane surface.

6.3.8 Each sheet shall have closed diamond openings and full length bonds on all sides.

6.4 Tolerances for Type II sheets:

6.4.1 Strand width shall not vary in excess of $\pm 10\%$ of the nominal width.

6.4.2 Sheet thickness after flattening shall not be greater than 90 % and not less than 80 % of the nominal gage thickness specified for the steel sheet.

6.4.3 Sheet width after flattening shall not be less than 1/4 in. (6 mm) below nominal width and shall not exceed 1/8 in./ft (10 mm/m) of nominal width.

6.4.4 Sheet length after flattening shall not vary from the nominal length by an amount greater than plus 1/4 in. (6 mm) or minus 0 in.

6.4.5 The greatest deviation of a side edge from a straight line after flattening shall not exceed 1/4 in. (6 mm) in 96 in. (2.4 m).

6.4.6 Sheet edges shall not deviate from parallel by more than 3/8 in. (10 mm) in 96 in. (2.4 m).

6.4.7 Ends of sheets, after shearing, shall not be more than 1/16 in./ft (5 mm/m) out of square, in relation to the side of the sheet used to gage the shearing.

6.4.8 Sheets shall be free from waves or buckles that are in excess of 3/8 in. (10 mm) from a plane surface.

7. Workmanship, Finish, and Appearance

7.1 Workmanship:

7.1.1 The strands shall be substantially uniform in width and thickness and shall be smooth and free from sharp edges. Broken strands, weld-repaired strands, laminations, irregular-shaped openings, and any other defects that may affect serviceability shall not be acceptable.

7.1.2 Expanded metal shall be free from burrs and slivers.

7.1.3 Type II flattened, expanded metal shall have the strands and bonds in the same plane as a result of passing through flattening rolls.

7.2 Expanded metal coated with zinc (hot-dipped galvanized) shall comply with A 123/A 123M.

8. Sampling

8.1 Expanded metal sheets of the same material, type, class, grade and dimensions, and manufactured under essentially the same conditions, shall be considered a lot for purposes of acceptance inspection and tests.

8.2 *Sampling for Coating Thickness Test*—A random sample of expanded metal sheets shall be selected from each inspection lot (see 8.1) of Class 2 material, in accordance with Table 5, and subjected to the zinc-coating thickness test specified in 10.2 and 10.3.

9. Specimen Preparation

9.1 *Coating Thickness Test Specimens*— Three test specimens in the form of single strands having a length of one or more sides of diamond openings shall be selected from each sample sheet at or near diagonally opposite corners and at the center of the sheet.

9.1.1 The specimen strands shall be selected on the basis of visual appearance to represent the minimum coating thickness in the specified location.

9.1.2 When specified (see 4.1.7), each sample sheet from which strands have been removed may be included in the lot to

TABLE 5 Sampling for Lot Acceptance

| Number of Expanded Metal Sheets in Inspection Lot | Number of Expanded Metal Sheets for Test |
|---|--|
| 40 or under | 1 |
| 41 to 300 | 2 |
| 301 to 1300 | 3 |
| 1301 and over | 4 |

be shipped, provided they meet the requirements of this specification. Such sheets shall be distinctly tagged to indicate that they shall be used for construction requiring less than a full size sheet.

9.2 *Microscopic Thickness Test Specimens*—The test specimens representing lots failing to meet the thickness of coating requirements using the test method of 10.2 shall be prepared for microscopic measurement of coating thickness.

9.2.1 The strand specimens shall be cut so that the cross section surfaces are exposed at approximately the midpoint of the strand length.

9.2.2 The specimens shall be prepared using acceptable metallographic methods and the coating thickness measured microscopically at a suitable magnification (see 10.3).

10. Test Methods

10.1 *Testing of Sample Expanded Metal Sheets for Lot Acceptance:*

10.1.1 Each of the sample expanded metal sheets selected in accordance with Table 5 shall be thickness tested in accordance with 9.1 and 10.2 to verify compliance with the zinc coating requirement of this specification.

10.1.1.1 Any sample expanded metal sheet that does not meet the requirement for zinc coating thickness as determined by the microscopic test method of 10.3 shall be cause for rejection of the lot represented by the sample.

10.2 *Coating Thickness Test Method for Lot Acceptance:*

10.2.1 Each single strand test specimen shall be visually inspected, and that surface of the strand observed to have the most nearly uniform coating shall be the tension surface when the strand is subject to bending.

10.2.2 Each specimen shall be deformed by bending so that the zinc coating is separated from the basis metal at the approximate midpoint of the strand. The separated zinc coating may be further stripped from the basis metal by means of a knife or similar instrument until a flake of convenient size is obtained.

10.2.3 The thickness of the zinc coating particle shall be determined in at least four locations by measurement with micrometer calipers of which the spindle and anvil are flat or conical in shape and the ends are ground to $\frac{1}{16}$ in. (2 mm) maximum radius.

10.2.3.1 If the zinc coating particle is not of sufficient size to permit four measurements, an additional particle may be removed from the strand in the same area and the thickness determined.

10.2.4 If all measurements on each sample specimen conform to the minimum thickness requirement for the particular grade represented, the lot shall be considered satisfactory.

10.2.5 If any measurement fails to conform to the minimum thickness requirement for the particular grade it represents, an equal number of sample strands, similar in appearance and selected adjacent to the original sample strands, shall be sent to a laboratory designated by the purchaser for the microscopic measurement test method of coating thickness (see 10.3).

10.3 *Microscopic Test Method:*

10.3.1 The coating thickness shall be measured microscopically at a suitable magnification. The minimum and maximum coating thicknesses shall be measured on each of the four exposed surfaces, but not at the corners.

10.3.2 The average coating thickness of each specimen shall be computed and compared with the requirement. If any average thickness value is less than the specified thickness, the lot represented by the specimen shall be rejected.

11. Inspection

11.1 Unless otherwise specified in the contract or purchaser order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the purchaser.

11.1.1 The purchaser reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to ensure that supplies and services conform to prescribed requirements.

11.1.2 The absence of any inspection requirements in the specification shall not relieve the supplier of the responsibility of ensuring that all products or supplies submitted to the purchaser for acceptance comply with all requirements of the contract.

12. Packaging

12.1 Expanded metal shall be preserved and packed for shipment in accordance with Practices A 700.

12.2 Packaging shall be supplier's commercial practice and sufficient to afford adequate protection against deterioration and physical damage during shipment from the supply source to the using activity and until early usage.

SUPPLEMENTARY REQUIREMENTS

The following supplementary requirements shall apply only when specified by the purchaser in the contract or purchase order (see 4.1.8).

S1. Referenced Documents

S1.1 The following documents shall apply only when one or more of the requirements of S2 or S3 are specified in the contract or purchase order (see 4.1.8): Military Specification MIL-C-16173 and Military Standards MIL-STD-105 and MIL-STD-163.

S2. Preparation for Delivery

S2.1 Packaging:

S2.1.1 Class 1 expanded metal shall be coated with a preservative compound in accordance with Grade 3 of MIL-C-16173. Class 3, corrosion-resisting steel shall not be coated with preservative compound.

S2.1.2 Expanded metal, separated for size, class, type, and grade shall be packed for shipment in secured lifts on nominal 2 by 4 in. (51 by 102 mm) skids. Skidding, strapping, and maximum permissible weight of the lifts shall be in accordance with MIL-STD-163.

S2.1.3 In addition to any special marking required by the contract or order (see 4.1.8), marking for shipment shall be in accordance with MIL-STD-163.

S2.2 Examination of Preparation for Delivery:

S2.2.1 An examination shall be made to determine that preservation, packaging, packing, and marking requirements of the applicable contract or order are complied with. Defects shall be scored in accordance with Table S2.1.

S2.2.2 The lot size shall be the number of shipping containers fully prepared for delivery, with the exception that containers need not be sealed or closed, and noninterior containers or case liners need not be sealed (if applicable).

S2.2.3 Examination shall be made in two phases: (1) an interior examination made prior to the sealing of the container and (2) an examination of containers fully prepared for

delivery. The sample unit for each phase shall be one container fully prepared for delivery.

S2.2.3.1 The inspection level shall be S-2 in accordance with MIL-STD-105, with an Acceptable Quality Level (AQL) of 4.0 defects per 100 units.

S2.3 Inspection of Packaging:

S2.3.1 Sample packages and packs and the inspection of the preservation-packaging, packing, and marking for shipment and storage shall be in accordance with Supplementary Requirement S2 and the documents specified therein.

S3. Special Government Requirements

S3.1 For Naval shipboard applications of Class 2, galvanized expanded metal, Grade A thickness of coating should be ordered.

S3.2 *Sampling Procedures for Visual and Dimensional Inspection* (see S3.3)—Plans A, B, or C shall be used as specified by the purchaser (see 4.1.8). When no plan is specified, Plan C shall be invoked.

S3.2.1 *Plan A, Inspection at Time and Place of Manufacture*—The inspection shall include measuring any dimensions of the product that are not controlled by automatic devices attached to the process machinery, as well as checking the controlled dimension(s) by examination of at least one-fifth of the number of sample pieces as specified in Table S3.1.

S3.2.1.1 If this production inspection shows that objectionable defects are present or that one or more dimensions are outside the specification limits, the entire production lot shall be inspected for those defects under the warehouse procedures specified in S3.2.2.

S3.2.2 *Plan B*—When Plan B is specified, inspection of manufacture’s finished stock and inspection at a warehouse shall be completed by the purchaser. A random sample of expanded metal sheets shall be selected from each inspection lot in accordance with Table 5 for the inspection specified in S3.3.

S3.2.3 *Plan C*—When Plan C is specified, material shall be inspected in conformance with MIL-STD-105, Inspection Level II, Acceptable Quality Level (AQL) of 1.5 %, unless otherwise specified.

TABLE S2.1 Examination of Preparation for Delivery

| Examine | Defects |
|--|---|
| Marking (interior package or container and exterior container as applicable) | Omitted, incorrect, illegible, improper size, location, sequence, or method of application. |
| Materials | Component missing, damaged, defective, or not as specified. |
| Workmanship (as applicable) | Inadequate or improper packaging or packing, such as closure of interior packages or containers, closure of case liners or container flaps, taping of seams, corners, and manufacturer’s joint, closure of alternate containers; base strapping or tape banding; inadequate stapling, bulging, or distortion of containers. |
| Contents (interior and exterior container as applicable) | Number per container not as specified |
| Weight (exterior containers) | Weight per container not as specified |
| Preservation (as applicable) | Preservation missing, improperly applied or incorrect type |

TABLE S3.1 Sampling for Visual and Dimensional Inspection AQL (Approximate) = 1.5 % Defective

| Number of Expanded Metal Sheets in Inspection Lot | Number of Expanded Metal Sheets in Sample | Acceptance Number (Defectives) | Rejection Number (Defectives) |
|---|---|--------------------------------|-------------------------------|
| 15 and under | 5 | 0 | 1 |
| 16 to 40 | 7 | 0 | 1 |
| 41 to 110 | 10 | 0 | 1 |
| 111 to 300 | 15 | 0 | 1 |
| 301 to 500 | 25 | 1 | 2 |
| 501 to 800 | 35 | 1 | 2 |
| 801 to 1300 | 50 | 2 | 3 |
| 1301 and over | 75 | 3 | 4 |

S3.3 *Visual and Dimensional Inspection:*

S3.3.1 Each of the sample expanded metal sheets selected in accordance with Table S3.1 shall be visually and dimensionally inspected to verify compliance with this specification.

S3.3.2 Any expanded metal sheet in the sample containing one or more visual or dimensional defects shall be rejected, and

if the number of defective expanded metal sheets in any sample exceeds the acceptance number for that sample, the lot represented by the sample shall be rejected.

ASTM International takes no position respecting the validity of any patent rights asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their own responsibility.

This standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either reapproved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM International Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards, at the address shown below.

This standard is copyrighted by ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States. Individual reprints (single or multiple copies) of this standard may be obtained by contacting ASTM at the above address or at 610-832-9585 (phone), 610-832-9555 (fax), or service@astm.org (e-mail); or through the ASTM website (www.astm.org).