

1 Customs Tariff Classification Suggestion

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3 **Account:** Main

4 **User:** User03

5 **ITEM:** A silver-coloured wire mesh composed of rigid galvanised steel wires with an
6 approximate diameter of 4 mm. The galvanisation process involves hot-dipping the wires in
7 an alloy consisting of 95 %zinc and 5 % aluminium. The wires are interwoven in a zigzag
8 pattern, forming diamond-shaped apertures measuring approximately 102 mm by 177 mm.
9 The edges are securely knotted to preserve the integrity of the mesh structure. The mesh is
10 supplied in rolls with variable widths and lengths (1.5 m – 5 m and customized per buyer
11 requirements). It has a minimum tensile strength of 1,770 N/mm² and weighs 2.6 kg/m².
12 Due to its high tensile strength and corrosion resistance, the mesh is used for dynamic rock
13 or compressed terrain support in mining and construction industries.—

14 Conclusions

15 **Main classification:**

16 Chapter 73, Heading 7314, Subheading 7314.41, Tariff item 7314.41.01. The goods are
17 classified as other grill, netting, and fencing of iron or steel wire, plated or coated with zinc,
18 based on the interwoven construction, zinc-aluminium galvanization, and absence of
19 welds.

20 **Conditional classifications:**

21 - If the mesh is demonstrated to be welded at the intersections, classification would
22 proceed under Subheading 7314.20. - If the wires are coated with plastics instead of zinc,
23 classification would proceed under Subheading 7314.42.

24

25 Details

26 **Extended item description**

27 A silver-coloured wire mesh composed of rigid galvanised steel wires with an approximate
28 diameter of 4 mm. The galvanisation process involves hot-dipping the wires in an alloy
29 consisting of 95 %zinc and 5 % aluminium. The wires are interwoven in a zigzag pattern,
30 forming diamond-shaped apertures measuring approximately 102 mm by 177 mm. The

31 edges are securely knotted to preserve the integrity of the mesh structure. The mesh is
32 supplied in rolls with variable widths and lengths (1.5 m – 5 m and customized per buyer
33 requirements). It has a minimum tensile strength of 1,770 N/mm² and weighs 2.6 kg/m².
34 Due to its high tensile strength and corrosion resistance, the mesh is used for dynamic rock
35 or compressed terrain support in mining and construction industries..

36 **Top 2 potential chapters**

Chapter Justification

- 73** The product is iron/steel wire mesh (netting). Heading 7314 covers “Cloth (including endless bands), grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel.” Chapter 73 Note 2 defines “wire” as products with no cross-sectional dimension exceeding 16 mm (fits 4 mm wire). [GRI 1] [Note 2 Ch. 73] [Tariff Text Ch. 73]
- 72** Chapter 72 covers “Iron and steel.” It includes a definition of “Wire” as cold-formed products in coils of uniform solid cross section. The item is a further-worked wire netting article (mesh), described by heading 7314 in Chapter 73 rather than Chapter 72 materials. [GRI 1] [Tariff Text Ch. 72]

37 **TARIFF CLASSIFICATION RULING**

38 **I. Applicable legal framework**

39 **1. General Rules for the Interpretation (GRI)**

40 – Classification “is legally determined by the terms of the headings and of the
41 Section or Chapter Notes.” [GRI 1]

42

43 – At subheading level, classification is determined “by the terms of those
44 subheadings and any related Subheading Notes” [GRI 6]

45 **2. Chapter Notes (Chapter 73)**

46 – “In this chapter the word ‘wire’ means ... products ... of which no cross-
47 sectional dimension exceeds 16 mm.” [Note 2 Ch. 73]

48 **3. Relevant tariff provisions (Chapters 72 and 73)**49 – **Heading 7314:** “Cloth (including endless bands), grill, netting and fencing, of
50 iron or steel wire; expanded metal of iron or steel ...” [HTSUS 7314]

51

52 – **Heading 7217:** “Wire of iron or nonalloy steel ...” [HTSUS 7217]

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54 **II. Legal and technical analysis (mandatory factual basis applied)**55 **1) Chapter determination (Ch. 72 vs Ch. 73)**56 **Candidate Chapter 72** (iron and steel; including “wire”): * Chapter 72 provides, inter alia,
57 for **wire** (e.g., heading 7217: “Wire of iron or nonalloy steel”). [HTSUS 7217]58 * The product, as described, is **not presented as wire**, but as a **wire mesh** in rolls (wires
59 interwoven into diamond-shaped apertures with knotted edges). Therefore, it does not
60 meet the terms of heading 7217. [GRI 1]61 **Candidate Chapter 73** (articles of iron or steel): * The product is an **article** made from iron
62 or steel wire (a wire mesh). Chapter 73 includes headings that specifically cover **netting**
63 **and fencing of iron or steel wire** (heading 7314). [HTSUS 7314]64 * Chapter 73 Note 2 confirms the relevant meaning of “wire” for goods of this chapter; the
65 described wire diameter (~4 mm) is within the “no cross-sectional dimension exceeds 16
66 mm” definition. [Note 2 Ch. 73]67 **Chapter selection:** Chapter **73** is selected. [GRI 1]

68

69 **2) Heading determination within Chapter 73**

70 At the heading level, the following competing headings are considered:

71 • **7312:** “Stranded wire, ropes, cables, plaited bands, slings and the like, of iron or
72 steel, not electrically insulated.” [HTSUS 7312]73 – Excluded because the product is described as an **interwoven wire mesh**
74 (netting/mesh), not stranded wire/rope/cable.75 • **7313:** “Barbed wire of iron or steel ... of a kind used for fencing ...” [HTSUS 7313]76 – Excluded because the product is not described as **barbed wire**.77 • **7308:** “Structures ... and parts of structures ...” [HTSUS 7308]

- 78 – Excluded because the product is described as **wire mesh in rolls**, not as a
79 structure or part of a structure.
- 80 • **7326:** “Other articles of iron or steel” (including “Articles of iron or steel wire”).
81 [HTSUS 7326]
- 82 – Excluded because heading 7314 provides a **more specific description** for
83 wire netting/fencing than the residual heading 7326. [GRI 1]; [GRI 3(a)]
- 84 • **7314:** “Cloth (including endless bands), grill, netting and fencing, of iron or steel
85 wire; expanded metal of iron or steel.” [HTSUS 7314]
- 86 – The product is expressly described as a **wire mesh** (i.e., netting) made of
87 **galvanized steel wire**, supplied in rolls. This matches the terms “netting ... of
88 iron or steel wire.”

89 **Heading selection: 7314.** [GRI 1]

90

91 **3) Subheading determination within heading 7314**

92 Within heading 7314, the relevant competing provisions include:

- 93 • **7314.20.00.00:** “Grill, netting and fencing, welded at the intersection ...” [HTSUS
94 7314.20.00.00]
- 95 – Excluded because the product is described as **interwoven** wire in a zigzag
96 pattern with **knotted** edges, and is **not described as welded**.
- 97 • **7314.31** (welded at the intersection, plated or coated with zinc) (e.g., 7314.31.10.00
98 “Wire fencing plated or coated with zinc ...”). [HTSUS 7314.31]
- 99 – Excluded because these subheadings are within “**Other grill, netting and**
100 **fencing, welded at the intersection**”, while the product is not described as
101 welded.
- 102 • **7314.41.00:** under “Other grill, netting and fencing: Plated or coated with zinc.”
103 [HTSUS 7314.41.00]
- 104 – The product is **galvanized** steel wire mesh; the galvanization is described as
105 hot-dipping in an alloy containing **95% zinc** (and 5% aluminum), supporting
106 that it is “plated or coated with zinc.” Therefore, this subheading applies.
- 107 • **7314.42.00:** “Coated with plastics.” [HTSUS 7314.42.00]

- 108 – Excluded because no plastic coating is described.
- 109 • **7314.49** (“Other” than zinc/plastics-coated) [HTSUS 7314.49]
- 110 – Excluded because the product is described as **galvanized** (zinc-coated).
- 111 • **7314.50.00.00**: “Expanded metal.” [HTSUS 7314.50.00.00]
- 112 – Excluded because the product is described as **interwoven wire mesh**, not
- 113 expanded metal.

114 **Subheading selection: 7314.41.00** (Other grill, netting and fencing; plated or coated with

115 zinc). [GRI 6]

116

117 **4) Tariff item (10-digit line) determination within 7314.41.00**

118 Competing statistical breakouts under 7314.41.00 include:

- 119 • **7314.41.00.30**: “Chain link fencing” [HTSUS 7314.41.00.30]
- 120 – Excluded because the product is described as wire mesh used for dynamic
- 121 rock/terrain support; it is **not expressly described as “chain link fencing.”**
- 122 Under the mandatory fact rule, this distinguishing characteristic is treated as
- 123 absent.
- 124 • **7314.41.00.40 / 7314.41.00.45**: “Woven wire stucco netting, furred ...” [HTSUS
- 125 7314.41.00.40; 7314.41.00.45]
- 126 – Excluded because the product is not described as stucco netting, nor as
- 127 furred.
- 128 • **7314.41.00.80**: “Other” [HTSUS 7314.41.00.80]
- 129 – Applies because the product is zinc-coated iron/steel wire netting and does
- 130 not meet the terms of the more specific breakouts above.

131 **Tariff item selection: 7314.41.00.80.** [GRI 1]; [GRI 6]

132

133 **III. Exclusion of alternatives (Chapters 72 and 73)**

134 **Chapter 72 * 7217 (Wire of iron or nonalloy steel):** excluded because the product is a

135 **wire mesh article**, not “wire” as presented. [HTSUS 7217]; [GRI 1]

- 136 **Chapter 73 * 7312 (Stranded wire/ropes/cables):** excluded; product is an **interwoven**
 137 **mesh**, not stranded wire/rope/cable. [HTSUS 7312]
 138 *** 7313 (Barbed wire):** excluded; no barbs described. [HTSUS 7313]
 139 *** 7308 (Structures and parts of structures):** excluded; goods are mesh rolls, not
 140 structural components as described. [HTSUS 7308]
 141 *** 7326 (Other articles of iron or steel / articles of iron or steel wire):** excluded as a
 142 residual provision because heading **7314** specifically provides for netting/fencing of iron or
 143 steel wire. [HTSUS 7326]; [HTSUS 7314]; [GRI 3(a)]
- 144 **Within heading 7314 (selected heading) * Welded-at-intersection provisions (e.g.,**
 145 **7314.20; 7314.31):** excluded because welding is not described. [HTSUS 7314.20; 7314.31]
 146 *** Plastic-coated netting (7314.42):** excluded because plastics coating is not described.
 147 [HTSUS 7314.42]
 148 *** Expanded metal (7314.50):** excluded because the product is interwoven wire mesh, not
 149 expanded metal. [HTSUS 7314.50]

 150

 151 **IV. Main classification table**

| Chapt er | Headin g | Subheadin g | Tariff item (8 digits) | Statistical suffix | Legal basis |
|-------------|-------------|----------------|------------------------|--------------------|----------------------------------------------------------------|
| 73 | 7314 | 7314.41 | 7314.41.00 | 80 | [GRI 1], [GRI 6], [Note 2 Ch. 73], [HTSUS 7314] |

 152

 153 **V. Conditional determination (if applicable)**

154 Not applicable.

 155 **MISSING CRITERIA**

156 None required to reach the above classification under the mandatory fact pattern.

 157



Tariff Classification Support System

158 **Legal Disclaimer**

159 This report is provided for informational purposes only and is intended to support the U.S.
160 tariff classification process. It does not constitute legal advice and does not replace
161 professional judgment or the review of a licensed customs broker or qualified trade
162 compliance specialist.

163 This determination was generated using *Claude* based on the Harmonized Tariff Schedule
164 of the United States (HTSUS) and relevant U.S. Customs and Border Protection (CBP)
165 guidance as currently in force.