

Section XV - Chapter 74

Copper and Articles Thereof

Note

1. In this chapter the following expressions have the meanings hereby assigned to them:

(a). Refined copper

Metal containing at least 99.85 percent by weight of copper; or

Metal containing at least 97.5 percent by weight of copper, provided that the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element	Limiting content percent by weight
Ag Silver	0.25
As Arsenic	0.5
Cd Cadmium	1.3
Cr Chromium	1.4
Mg Magnesium	0.8
Pb Lead	1.5
S Sulfur	0.7
Sn Tin	0.8
Te Tellurium	0.8
Zn Zinc	0.3
Zr Zirconium	0.3
Other elements*, each	0.3

\*Other elements are for example, Al, Be, Co, Fe, Mn, Ni, Si.

(b). Copper alloys

Metallic substances other than unrefined copper in which copper predominates by weight over each of the other elements, provided that:

- (i). The content by weight of at least one of the other elements is greater than the limit specified in the foregoing table; or
- (ii). The total content by weight of such other elements exceeds 2.5 percent.

(c). Master alloys

Alloys containing with other elements more than 10 percent by weight of copper, not usefully malleable and commonly used as an additive in the manufacture of other alloys or as deoxidants, desulfurizing agents or for similar uses in the metallurgy of nonferrous metals. However, copper phosphide (phosphor copper) containing more than 15 percent by weight of phosphorus falls in heading 2848.

(d). Bars and rods

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles," of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or descaling), provided that they have not thereby assumed the character of articles or products of other headings.

Wire bars and billets with their ends tapered or otherwise worked simply to facilitate their entry into machines for converting them into, for example, drawing stock (wire rod) or tubes, are however, to be taken to be unwrought copper of heading 7403.

(e). Profiles

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or descaling), provided that they have not thereby assumed the character of articles or products of other headings.

(f). Wire

Rolled, extruded or drawn products, in coils, which have a uniform solid cross section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons (including "flattened circles" and "modified rectangles," of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). Products with a rectangular (including square), triangular or polygonal cross section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross section exceeds one-tenth of the width.

(g). Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading 7403), coiled or not, of solid rectangular (other than square) cross section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size, provided that they do not assume the character of articles or products of other headings.

Headings 7409 and 7410 apply, inter alia, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, checkers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

(h). Tubes and pipes

Hollow products, coiled or not, which have a uniform cross section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular or regular convex polygonal cross section, which may have corners rounded along their whole length, are also to be taken to be tubes and pipes provided the inner and outer cross sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

Subheading Note

1. In this chapter the following expressions have the meanings hereby assigned to them:

(a). Copper-zinc base alloys (brasses)

Alloys of copper and zinc, with or without other elements. When other elements are present:

- zinc predominates by weight over each of such other elements;
- any nickel content by weight is less than 5 percent (see copper-nickel-zinc alloys (nickel silvers)); and
- any tin content by weight is less than 3 percent (see copper-tin alloys (bronzes)).

(b). Copper-tin base alloys (bronzes)

Alloys of copper and tin, with or without other elements. When other elements are present, tin predominates by weight over each of such other elements, except that when the tin content is 3 percent or more the zinc content by weight may exceed that of tin but must be less than 10 percent.

(c). Copper-nickel-zinc based alloys (nickel silvers)

Alloys of copper, nickel and zinc, with or without other elements. The nickel content is 5 percent or more by weight (see copper-zinc alloys (brasses)).

(d). Copper-nickel base alloys

Alloys of copper and nickel, with or without other elements but in any case containing by weight not more than 1 percent of zinc. When other elements are present, nickel predominates by weight over each of such other elements.

Statistical Note

1. For the purpose of heading 7404, the expression:

- (a). Bare bright wire is copper wire uncoated, unalloyed (ISRI code word Barley);

- (b). Other No. 1 includes, but is not necessarily limited to: No. 1 heavy copper (ISRI code words Berry, Candy, Clove) and copper nodules (ISRI code word Cocoa);
- (c). No. 2 copper includes, but is not necessarily limited to: No. 2 copper wire (ISRI code word Birch), No. 2 copper (ISRI code word Cliff), and No. 2 copper nodules (ISRI code word Cobra);
- (d). Other refined copper includes, but is not necessarily limited to: Refinery/smelter grade copper (ISRI code word Drove), light copper (ISRI code word Dream), and insulated copper wire scrap (ISRI code word Druid);
- (e). Red and semi-red brass includes, but is not necessarily limited to: Composition or red brass (ISRI code word Ebony), red brass composition (ISRI code word Enerv), and red brass bushings (ISRI code word Elder);
- (f). Yellow brass clippings, turnings and rod ends includes, but is not necessarily limited to: New brass clippings (ISRI code word Label), yellow brass rod turnings (ISRI code words Night, Nomad), and new yellow brass rod ends (ISRI code word Noble);
- (g). Other yellow brass includes, but is not necessarily limited to: Yellow brass scrap (ISRI code word Honey), yellow brass castings (ISRI code word Ivory), and shell cases (ISRI code words Lace, Lady, Lake, Lamb);
- (h). Other copper alloys includes, but is not necessarily limited to: High grade-low lead bronze solids (ISRI code word Eland); nickel silver (ISRI code words Maize, Major, Malic), and manganese bronze (ISRI code word Parch);
- (ij). Mixed solids and turnings of copper and copper alloy scrap, free of insulated wire and grindings includes, but is not necessarily limited to: Brass and bronze solids, turnings and soldered fittings (ISRI code word Drink);
- (k). Other copper scrap includes, but is not necessarily limited to: Grindings and unprepared tangled material.

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
74	Copper and Articles Thereof		
74.01	- Copper mattes; cement copper (precipitated copper):		
7401.00.0010	-- Copper mattes	Cu kg	
7401.00.0050	-- Cement copper (precipitated copper)	kg	
7402.00.0000	- Unrefined copper; copper anodes for electrolytic refining	kg	
74.03	- Refined copper and copper alloys, unwrought (other than master alloys of heading 7405):	kg	
	-- Refined copper:		
7403.11.0000	--- Cathodes and sections of cathodes	kg	
7403.12.0000	--- Wire bars	kg	
7403.13.0000	--- Billets	kg	
7403.19.0000	--- Other	kg	
	-- Copper alloys:		
7403.21.0000	--- Copper-zinc base alloys (brass)	kg	
7403.22.0000	--- Copper-tin base alloys (bronze)	kg	
7403.29	--- Other copper alloys:		
7403.29.0110	---- Copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	kg	
7403.29.0180	---- Other	kg	
74.04	- Copper waste and scrap:		
	-- With copper content as refined copper:		
	--- No. 1 copper:		
7404.00.0010	---- Bare bright wire	kg	
7404.00.0015	---- Other	kg	
7404.00.0025	--- No. 2 copper	kg	
7404.00.0030	--- Other	kg	
	-- Segregated scrap with copper content as copper alloys:		
	--- Red and semi-red brass:		
7404.00.0041	---- Containing more than 0.3 percent lead	kg	
7404.00.0046	---- Other	kg	
	--- Yellow brass clippings, turnings and rod ends:		
7404.00.0051	---- Containing more than 0.3 percent lead	kg	
7404.00.0056	---- Other	kg	
	--- Other yellow brass:		
7404.00.0061	---- Containing more than 0.3 percent lead	kg	
7404.00.0066	---- Other	kg	
7404.00.0075	--- Other	kg	
	-- Unsegregated (mixed) scrap:		
7404.00.0085	--- Mixed solids and turnings of copper and copper alloy scrap, free of insulated wire and grindings	kg	
7404.00.0095	--- Other	kg	
7405.00.0000	- Master alloys of copper	kg	
74.06	- Copper powders and flakes:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
7406.10.0000	-- Powders of non-lamellar structure	kg	
7406.20.0000	-- Powders of lamellar structure; flakes	kg	
74.07	- Copper bars, rods and profiles:		
7407.10.0000	-- Of refined copper	kg	
	-- Of copper alloys:		
7407.21.0000	--- Of copper-zinc base alloys (brass)	kg	
7407.29	--- Other:		
7407.29.0020	---- Of copper-nickel base alloys (cupro-nickel) or copper- zinc base alloys (nickel silver)	kg	
7407.29.0090	---- Other	kg	
74.08	- Copper wire:		
	-- Of refined copper:		
7408.11	--- Of which the maximum cross-sectional dimension exceeds 6 mm (0.23 inch):		
7408.11.3000	---- With a maximum cross-sectional dimension over 9.5 mm (0.37 inch)	kg	
7408.11.6000	---- With a maximum cross-sectional dimension over 6 mm (.0.23 inch) but not over 9.5 mm (0.37 inch)	kg	
7408.19.0000	--- Other	kg	
	-- Of copper alloys:		
7408.21.0000	--- Of copper-zinc base alloys (brass)	kg	
7408.22.0000	--- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	kg	
7408.29.0000	--- Other	kg	
74.09	- Copper plates, sheets and strip, of a thickness exceeding 0.15 mm (0.006 inch):		
	-- Of refined copper:		
7409.11.0000	--- In coils	kg	
7409.19.0000	--- Other	kg	
	-- Of copper-zinc base alloys (brass):		
7409.21.0000	--- In coils	kg	
7409.29.0000	--- Other	kg	
	-- Of copper-tin base alloys (bronze):		
7409.31.0000	--- In coils	kg	
7409.39.0000	--- Other	kg	
7409.40.0000	-- Of copper-nickel base alloys (cupro-nickel) or copper-nickel- zinc base alloys (nickel silver)	kg	
7409.90.0000	-- Of other copper alloys	kg	
74.10	- Copper foil (whether or not printed or backed with paper, paper- board, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.15 mm (0.006 inch):		
	-- Not backed:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
7410.11.0000	--- Of refined copper	kg	
7410.12.0000	--- Of copper alloys	kg	
	-- Backed:		
7410.21	--- Of refined copper:		
7410.21.3000	---- Copper clad laminates	m2	
7410.21.6000	---- Other	kg	
7410.22.0000	--- Of copper alloys	kg	
74.11	- Copper tubes and pipes:		
7411.10	-- Of refined copper:		
7411.10.1000	--- Seamless	kg	
7411.10.5000	--- Other	kg	
	-- Of copper alloys:		
7411.21	--- Of copper-zinc base alloys (brass):		
7411.21.1000	---- Seamless	kg	
7411.21.5000	---- Other	kg	
7411.22.0000	--- Of copper-nickel base alloys (cupro-nickel) or copper- nickel- zinc base alloys (nickel silver)	kg	
7411.29	--- Other:		
7411.29.1000	---- Seamless	kg	
7411.29.5000	---- Other	kg	
74.12	- Copper tube or pipe fittings (for example, couplings, elbows, sleeves):		
7412.10.0000	-- Of refined copper	kg	
7412.20.0000	-- Of copper alloys	kg	
74.13	- Stranded wire, cables, plaited bands and the like, including slings and similar articles, of copper, not electrically insulated:		
	-- Not fitted with fittings and not made up into articles:		
7413.00.1000	--- Stranded wire	kg	
7413.00.5000	--- Other	kg	
7413.00.9000	-- Fitted with fittings or made up into articles	kg	
74.15	- Nails, tacks, drawing pins, staples (other than those of heading 8305) and similar articles, of copper or of iron or steel with heads of copper; screws, bolts, nuts, screw hooks, rivets, cotters, cotter pins, washers (including spring washers) and similar articles, of copper:		
7415.10.0000	-- Nails and tacks, drawing pins, staples and similar articles	kg	
	-- Other articles, not threaded:		
7415.21.0000	--- Washers (including spring washers)	kg	
7415.29.0000	--- Other	kg	
	-- Other threaded articles:		
7415.33	--- Screws, bolts, and nuts:		
7415.33.0500	---- Screws for wood	kg	
7415.33.8550	---- Other	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
7415.39.0000	--- Other	kg	
74.18	- Table, kitchen or other household articles and parts thereof, of copper; pot scourers and scouring or polishing pads, gloves and the like, of copper; sanitary ware and parts thereof, of copper:		
7418.10	-- Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like:		
7418.10.1000	--- Pot scourers and scouring or polishing pads, gloves and the like	kg	
7418.10.3000	--- Cooking or heating apparatus of a kind used for domestic purposes, non-electric, and parts thereof, of copper	kg	
7418.10.6000	--- Other	kg	
7418.20.0000	-- Sanitary ware and parts thereof	kg	
74.19	- Other articles of copper:		
7419.10.0000	-- Chain and parts thereof	kg	
	-- Other:		
7419.91	--- Cast, molded, stamped or forged, but not further worked:		
7419.91.0010	---- Brass plumbing goods, not elsewhere specified or included	kg	
7419.91.0050	---- Other	kg	
7419.99	--- Other:		
	---- Cloth (including endless bands), grill and netting, of copper wire; expanded metal of copper:		
7419.99.0100	----- Cloth	kg	
7419.99.0900	----- Other	kg	
7419.99.1500	---- Containers of a kind normally carried on the person, in the pocket or in the handbag	Doz.	
7419.99.1600	---- Copper springs	kg	
7419.99.5010	---- Brass plumbing goods not elsewhere specified or included	kg	
7419.99.5500	---- Other	kg	