

CHAPTER 74

Copper and articles thereof

NOTES:

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

a) Refined copper

Metal containing at least 99.85 per cent by weight of copper; or Metal containing at least 97.5 per cent 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 % 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	Sulphur	0.7
Sn	Tin	0.8
Te	Tellurium	0.8
Zn	Zinc	1.0
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 per cent.

c) Master alloys

Alloys containing with other elements more than 10 per cent by weight of copper, not usefully malleable and commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in the metallurgy of non-ferrous metals. However, copper phosphide (phosphor copper) containing more than 15 per cent by weight of phosphorous 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 de-scaling), 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 de-scaling), 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.

In the case of heading 7414, however, the term "wire" applies only to products, whether or not in coils, of any cross-sectional shape, of which no cross-sectional dimension exceeds 6 mm.

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 a 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, chequers, 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-section may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

SUB-HEADING NOTES:

In this Chapter the following expressions have the meaning 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 per cent [see copper-nickel-zinc alloys (nickel silvers)]; and
- any tin content by weight is less than 3 per cent [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 per cent or more the zinc content by weight may exceed that of tin but must be less than 10 per cent.

c) Copper-nickel-zinc base alloys (nickel silvers)

Alloys of copper, nickel and zinc, with or without other elements. The nickel content is 5 per cent 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 per cent of zinc. When other elements are present, nickel predominates by weight over each of such other elements.

TARIFFF ITEM	DESCRIPTION OF ARTICLE	UNITS	CUSTOMS DUTY	
			STD.	PREF.
1	2	3	4	5
7401	Copper mattes; cement copper (precipitated copper)			
7401 10 00	- Copper mattes	-	30%	-
7401 20 00	- Cement copper (precipitated copper)	-	30%	-
7402	Unrefined copper; copper anodes for electrolytic refining			
7402 00 10	--- Blister copper	-	30%	-
7402 00 20	--- Electrolytic wire bars	-	30%	-
7402 00 90	--- Other	-	30%	-
7403	Refined copper and copper alloys, unwrought			
7403 11 00	-- Cathodes and sections of cathodes	-	30%	-

7403 12 00	--	Wire-bars	-	30%	-
7403 13 00	--	Billets	-	30%	-
7403 19 00	--	Other	-	30%	-
	-	<i>Copper alloys:</i>			
7403 21 00	--	Copper-zinc base alloys (brass)	-	30%	-
7403 22	--	<i>Copper-tin base alloys (bronze):</i>			
7403 22 10	---	Phosphor bronze	-	30%	-
7403 22 90	---	Other	-	30%	-
7403 23 00	--	Copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	-	30%	-
7403 29 00	--	Other copper alloys (other than master alloys of heading 7405)	-	30%	-
7405		Copper waste and scrap			
	-	<i>Of copper:</i>			
7404 00 11	----	Empty or discharged cartridges of all bores and sizes	-	30%	-
7404 00 12	----	Copper scrap, namely the following <i>Copper wire scrap covered by ISRI Code words Barley, Berry and Birch; Heavy copper scrap covered by ISRI Code word Candy; Unalloyed copper scrap covered by ISRI Code word Cliff; Copper wire nodules scrap covered by ISRI Code words Clove, Cobra and Cocoa; Light copper scrap covered by ISRI Code word Dream; Muntz metal tubes covered by ISRI Code</i>	-	30%	-

		<i>word Palms</i>			
7404 00 13	----	Waste and scrap used within the factory of production for the manufacture of unrefined or unwrought copper, copper sheets or circles and handicrafts	-	30%	-
7404 00 19	----	Other	-	30%	-
		- <i>Of copper alloys:</i>			
7404 00 21	----	Empty or discharged cartridges of all bores and sizes	-	30%	-
7404 00 22	----	Brass scrap, namely the following: Refinery brass scrap covered by ISRI Code word Drink; Composition of Red brass scrap covered by ISRI Code word Ebony; Red brass composition turnings scrap covered by ISRI Code word Enerv; Genuine babbitt-lined brass bushings scrap covered by ISRI Code word Elder; Machinery or hard brass solids scrap covered by ISRI Code word Engel; Machinery or hand brass solids scrap covered by ISRI Codw word Erin; Cocks and faucets scrap covered by ISRI Code word Grape; Yellow brass scrap covered by ISRI Code word Honey; Yellow brass castings covered by ISRI Code work Ivory; New brass clippings covered by ISRI Code	-	30%	-

		word Label;			
		Yellow brass primer covered by ISRI Code word Lark;			
		Brass pipe covered by ISRI Code word Melon;			
		Yellow brass rod turnings covered by ISRI Code word Night;			
		New yellow brass rod ends covered by ISRI Code word Noble;			
		Yellow brass turnings covered by ISRI Code word Normad;			
		Mixed unsweated auto radiators covered by ISRI Code word Ocean;			
		Admiralty brass condenser tubes covered by ISRI Code word Pales;			
		Aluminium brass condenser tubes covered by ISRI Code word Pallu;			
		Manganese bronze solids covered by ISRI Code word Parch.			
7404 00 23	----	Waste and scrap used within the factory of production for the manufacture of unrefined or unwrought copper, copper sheets or circles and handicrafts	-	30%	-
7404 00 29	----	Other	-	30%	-
7405 00 00		Master alloys of copper	-	30%	-
7406		Copper powders and flakes			
7406 10 00	-	Powders of non-lamellar structure	-	30%	-
7406 20 00	-	Powders of lamellar	-	30%	-

	structure; flakes			
7407	Copper bars, rods and profiles			
7407 10	- Of refined copper:			
7407 10 10	--- Electrolytic copper rods or black copper rods	-	30%	-
7407 10 20	--- Copper rods, other than electrolytic	-	30%	-
7407 10 30	--- Copper bars (solid)	-	30%	-
7407 10 40	--- Hollow bars of copper	-	30%	-
	-- Profiles:			
7407 10 51	---- Hollow profiles	-	30%	-
7407 10 59	---- Other	-	30%	-
	- Of copper alloys:			
7407 21	-- Of copper-zinc base alloys (brass):			
7407 21 10	--- Bars	-	30%	-
7407 21 20	--- Rods	-	30%	-
7401 21 30	--- Hollow Bars	-	30%	-
7407 21 90	--- Other	-	30%	-
7407 22	-- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver):			
7407 22 10	--- Hollow bars	-	30%	-
7407 22 20	--- Bars and rods	-	30%	-
7407 29	-- Other:			
7407 29 10	--- Rods of bronze and similar alloys	-	30%	-
	--- Profiles:			
7407 29 21	---- Hollow	-	30%	-
7407 29 29	---- Other	-	30%	-
7407 29 90	--- Other	-	30%	-
7408	Copper wire			
	- Of refined copper:			
7408 11	-- Of which the maximum			

		<i>cross-sectional dimension exceeds 6 mm:</i>			
7408 11 10	---	Copper weld wire	-	30%	-
7408 11 90	---	Other	-	30%	-
7408 19	--	<i>Other:</i>			
7408 19 10	---	Of which the maximum cross-sectional dimension does not exceed 0.315 mm	-	30%	-
	---	<i>Other:</i>			
7408 19 91	----	Copper weld wire	-	30%	-
7408 19 92	----	Welding wire	-	30%	-
7408 19 99	----	Other	-	30%	-
	-	<i>Of copper alloys:</i>			
7408 21	--	<i>Of copper-zinc base alloys (brass):</i>			
7408 21 10	---	Of which the maximum cross-sectional dimension exceeds 6 mm	-	30%	-
7408 21 20	---	Of which the maximum cross-sectional dimension does not exceed 0.315 mm	-	30%	-
7408 21 90	---	Other	-	30%	-
7408 22	--	<i>Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver):</i>			
7408 22 10	---	Silver plated flattened wire of copper (lametta)	-	30%	-
7408 22 20	---	Of which the maximum cross-sectional dimension exceeds 6 mm	-	30%	-
7408 22 30	---	Of which the maximum cross-sectional dimension does not exceed 0.315 mm	-	30%	-
7408 22 90	---	Other	-	30%	-
7408 29	--	<i>Other:</i>			
7408 29 10	---	Wire of bronze and similar alloys	-	30%	-
7408 29 90	---	Other	-	30%	-

7409	Copper plates, sheets and strip, of a thickness exceeding 0.15 mm			
	- <i>Of refined copper:</i>			
7409 11 00	-- In coils	-	30%	-
7409 19 00	-- Other	-	30%	-
	- <i>Of copper-zinc base alloys (brass):</i>			
7409 21 00	-- In coils	-	30%	-
7409 29 00	-- Other	-	30%	-
	- <i>Of copper-tin base alloys (bronze):</i>			
7409 31 00	-- In coils	-	30%	-
7409 39 00	-- Other	-	30%	-
7409 40 00	- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	-	30%	-
7409 90 00	- Of other copper alloys	-	30%	-
7410	Copper foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.15 mm			
	- <i>Not backed:</i>			
7410 11 00	-- Of refined copper	-	30%	-
7410 12 00	-- Of copper alloys	-	30%	-
	- <i>Backed:</i>			
7410 21 00	-- Of refined copper	-	30%	-
7410 22 00	-- Of copper alloys	-	30%	-
7411	Copper tubes and pipes			
7411 10 00	- Of refined copper	-	30%	-
	- <i>Of copper alloys:</i>			

7411 21 00	--	Of copper-zinc base alloys (brass)	-	30%	-
7411 22 00	--	Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	-	30%	-
7411 29 00	--	Other	-	30%	-
7412		Copper tube or pipe fittings (for example, couplings, elbows, sleeves)			
7412 10 00	-	Of refined copper	-	30%	-
7412 20	-	Of copper alloys:			
	--	Brass:			
7412 20 11	----	Tube-well strainer	-	30%	-
7412 20 12	----	Hose connectors	-	30%	-
7412 20 19	----	Other	-	30%	-
7412 20 90	---	Fittings of bronze and similar alloys of copper		30%	-
7413 00 00		Stranded wire, cables, plated bands and the like, of copper, not electrically insulated	-	30%	-
7414		Cloth (including endless bands), grill and netting, of copper wire; expanded metal of copper			
7414 20	-	Cloth:			
7414 20 10	---	Endless bands, for machinery	-	30%	-
7414 20 90	---	Other	-	30%	-
7414 90	-	Other:			
7414 90 10	---	Wire gauze and netting	-	30%	-
7414 90 20	---	Expanded metal of copper and copper alloys	-	30%	-
7414 90 90	---	Other	-	30%	-

7415	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 00	- Nails and tacks, drawing pins, staples and similar articles - <i>Other articles, not threaded:</i>	-	30%	-
7415 21 00	-- Washers (including spring washers)	-	30%	-
7415 29 00	-- Other - <i>Other threaded articles:</i>	-	30%	-
7415 33	-- <i>Screws; bolts and nuts</i>			
7415 33 10	--- Bolts and Nuts	-	30%	-
7415 33 20	--- Other	-	30%	-
7415 39	-- <i>Other:</i>			
7415 39 10	--- Rivets (excluding tubular or bifurcated)	-	30%	-
7415 39 90	--- Other	-	30%	-
7416 00 00	Copper springs	-	30%	-
7417	Cooking or heating apparatus of a kind used for domestic purposes, non-electric, and parts thereof, of copper			
	- Stove:			
7417 00 11	---- Oil pressure stove	-	30%	-
7417 00 19	---- Other	-	30%	-

7417 00 20	---	Other cooking and heating apparatus	-	30%	-
	-	<i>Parts:</i>			
7417 00 91	----	Burners	-	30%	-
7417 00 92	----	Other parts of stove	-	30%	-
7417 00 99	----	Other	-	30%	-
7418		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			
	-	<i>Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like:</i>			
7418 11 00	--	Pot scourers and scouring or polishing pads, gloves and the like	-	30%	-
7418 19	--	<i>Other:</i>			
7418 19 10	---	E.P.N.S. ware	-	30%	-
	---	<i>Utensils:</i>			
7418 19 21	----	Of brass	-	30%	-
7418 19 22	----	Of copper	-	30%	-
7418 19 29	----	Of other copper alloys	-	30%	-
7418 19 90	---	Parts	-	30%	-
7418 20	-	<i>Sanitary ware and parts thereof:</i>			
7418 20 10	---	Sanitary ware	-	30%	-
7418 20 90	---	Parts	-	30%	-
7419		Other articles of copper			
7419 10	-	<i>Chain and parts thereof:</i>			

7419 10 10	--- Chain	-	30%	-
	-- <i>Parts:</i>			
7419 10 21	---- Of copper chains	-	30%	-
7419 10 29	---- Other	-	30%	-
	- <i>Other:</i>			
7419 91 00	-- Cast, moulded, stamped or forged, but not further worked	-	30%	-
7419 99	-- <i>Other:</i>			
	---- <i>Reservoirs, tanks, vats and similar containers of a capacity above 300 litres:</i>			
7419 99 11	---- As parts of capital goods, machinery and plant	-	30%	-
7419 99 19	---- Other	-	30%	-
7419 99 20	--- Articles of copper alloys electro-plated with nickel-silver	-	30%	-
7419 99 30	--- Articles of brass	-	30%	-
7419 99 40	--- Copper worked articles	-	30%	-
7419 99 90	--- Other articles of copper	-	30%	-