

## 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 % by weight of copper; or

Metal containing at least 97.5 % 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 %.

(c) **Master alloys**

Alloys containing with other elements more than 10 % 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 % by weight of phosphorus falls in heading 28.48.

(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 74.03.

(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.

**Copper and articles thereof—*continued***

(g) **Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading 74.03), 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 74.09 and 74.10 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-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 % (see copper-nickel-zinc alloys (nickel silvers)); and
- any tin content by weight is less than 3 % (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 % or more the zinc content by weight may exceed that of tin but must be less than 10 %.

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

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

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Chapter 74—*continued*  
**Copper and articles thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>74.01</b>					
7401.00.00			<b>Copper mattes; cement copper (precipitated copper):</b>	Free	Free
	10L	kg	. Copper mattes		
	19D	kg	. Cement copper (precipitated copper)		
<b>74.02</b>					
7402.00.00	00A	kg	<b>Unrefined copper; copper anodes for electrolytic refining</b>	Free	Free
<b>74.03</b>					
			<b>Refined copper and copper alloys, unwrought:</b>		
			– Refined copper:		
7403.11.00	00H	kg	-- Cathodes and sections of cathodes	Free	Free
7403.12.00	00B	kg	-- Wire-bars	Free	Free
7403.13.00	00G	kg	-- Billets	Free	Free
7403.19.00			-- Other	Free	Free
	01B	kg	. . . Blooms, ingots, pellets and pigs		
	09H	kg	. . . Other		
			– Copper alloys:		
7403.21.00			-- Copper-zinc base alloys (brass)	Free	Free
	01K	kg	. . . Billets, blooms, ingots, pellets and pigs		
	09E	kg	. . . Other		
7403.22.00			-- Copper-tin base alloys (bronze)	Free	Free
	01D	kg	. . . Billets, blooms, ingots, pellets and pigs		
	09K	kg	. . . Other		
7403.29.00			-- Other copper alloys (other than master alloys of heading 74.05):	Free	Free
			. . . Copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver):		
	10E	kg	. . . . Billets, blooms, ingots, pellets and pigs		
	13K	kg	. . . . Other		
			. . . . Other:		
	17B	kg	. . . . Billets, blooms, ingots, pellets and pigs		
	19J	kg	. . . . Other		
<b>74.04</b>					
7404.00.00	00H	kg	<b>Copper waste and scrap</b>	Free	Free
<b>74.05</b>					
7405.00.00	00F	kg	<b>Master alloys of copper</b>	Free	Free
<b>74.06</b>					
			<b>Copper powders and flakes:</b>		
7406.10.00	00H	. .	– Powders of non-lamellar structure	Free	Free
7406.20.00	00A	. .	– Powders of lamellar structure; flakes	Free	Free
<b>74.07</b>					
			<b>Copper bars, rods and profiles:</b>		
7407.10			– Of refined copper:		
			-- Bars and rods:		
7407.10.01			--- Wire rod	Free	Free
	01L	kg	. . . . Welding		
	09F	kg	. . . . Other		
7407.10.09			--- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01A	kg	. . . . Welding		
	09G	kg	. . . . Other		
7407.10.19	00J	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 74—*continued*  
**Copper and articles thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Copper bars, rods and profiles—<i>continued</i></b>					
7407.21			— Of copper alloys:		
7407.21.01			— Of copper-zinc base alloys (brass):		
			--- Bars and rods	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01J	kg	. . . . . Welding		
	09D	kg	. . . . . Other		
7407.21.09	00A	kg	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
7407.29			-- Other:		
7407.29.01			--- Bars and rods	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
			. . . . . Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver):		
	10D	kg	. . . . . Welding		
	13J	kg	. . . . . Other		
	17A	kg	. . . . . Other:		
	19H	kg	. . . . . Welding		
7407.29.09			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10E	kg	. . . . . Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)		
	19J	kg	. . . . . Other		
<b>74.08</b>			<b>Copper wire:</b>		
			— Of refined copper:		
7408.11.00	00J	kg	-- Of which the maximum cross-sectional dimension exceeds 6 mm	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
7408.19.00			-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01C	kg	. . . . . Welding		
	09J	kg	. . . . . Other		

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Chapter 74—*continued*  
Copper and articles thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Copper wire—<i>continued</i></b>					
7408.21.00			– Of copper alloys: – – Of copper-zinc base alloys (brass)	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01L	kg	. . . . Welding		
	09F	kg	. . . . Other		
7408.22.00			– – Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01E	kg	. . . . Welding		
	09L	kg	. . . . Other		
7408.29.00			– – Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01G	kg	. . . . Welding		
	09B	kg	. . . . Other		
<b>74.09</b>			<b>Copper plates, sheets and strip, of a thickness exceeding 0.15 mm:</b>		
			– Of refined copper:		
7409.11.00			– – In coils	Free	Free
	01E	kg	. . . . Worked		
	09L	kg	. . . . Other		
7409.19.00			– – Other	Free	Free
	01A	kg	. . . . Worked		
	09G	kg	. . . . Other		
			– Of copper-zinc base alloys (brass):		
7409.21.00			– – In coils	Free	Free
	01J	kg	. . . . Worked		
	09D	kg	. . . . Other		
7409.29.00			– – Other	Free	Free
	01E	kg	. . . . Worked		
	09L	kg	. . . . Other		
			– Of copper-tin base alloys (bronze)		
7409.31.00			– – In coils	Free	Free
	01B	kg	. . . . Worked		
	09H	kg	. . . . Other		
7409.39.00			– – Other	Free	Free
	01J	kg	. . . . Worked		
	09D	kg	. . . . Other		
7409.40.00			– Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	Free	Free
	01A	kg	. . . . Worked		
	09G	kg	. . . . Other		
7409.90.00			– Of other copper alloys	Free	Free
	01K	kg	. . . . Worked		
	09E	kg	. . . . Other		

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Chapter 74—continued  
Copper and articles thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>74.10</b>			<b>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:</b>		
			– Not backed:		
7410.11.00	00L	kg	-- Of refined copper	Free	Free
7410.12.00	00E	kg	-- Of copper alloys	Free	Free
			– Backed:		
7410.21.00			-- Of refined copper	Free	Free
	01B	kg	. . . Copper foil with paper or other reinforcing material, cut to shape, perforated or printed (PCB's) being partly manufactured printed circuit boards		
	09H	kg	. . . Other		
7410.22.00			-- Of copper alloys	Free	Free
	01G	kg	. . . Copper foil with paper or other reinforcing material, cut to shape, perforated or printed (PCB's) being partly manufactured printed circuit boards		
	09B	kg	. . . Other		
<b>74.11</b>			<b>Copper tubes and pipes:</b>		
7411.10			– Of refined copper:		
7411.10.01	00L	kg	-- Having a nominal external diameter of less than 3 mm	Free	Free
7411.10.09	00A	kg	-- Having a nominal internal diameter of 90 mm and over	Free	Free
7411.10.19	00G	kg	-- Other	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
			– Of copper alloys:		
7411.21.00	00B	kg	-- Of copper-zinc base alloys (brass)	5	Free AAN Free CN Free TH Free TPA Free
7411.22.00	00G	kg	-- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	5	Free AAN Free CN Free TH Free TPA Free
7411.29.00	00J	kg	-- Other	5	Free AAN Free CN Free TH Free TPA Free
<b>74.12</b>			<b>Copper tube or pipe fittings (for example, couplings, elbows, sleeves):</b>		
7412.10.00	00B	kg	– Of refined copper	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
7412.20.00			– Of copper alloys	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01D	kg	. . Brass and muntz		
	09K	kg	. . Other		

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Chapter 74—continued  
Copper and articles thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>74.13</b>					
7413.00			<b>Stranded wire, cables, plaited bands and the like, of copper, not electrically insulated:</b>		
			– Earth straps:		
7413.00.01	00C	kg	-- For use in the assembly of motor vehicles as may be determined by the Minister in accordance with Section 14 of this Act	12.5 7/2009 10	AAN Free CA Free CN 12 1/2009 9.6 1/2010 7.2 1/2011 4.8 1/2012 2.4 1/2013 Free TH 7.5 1/2009 5 1/2010 Free TPA 7.5 1/2009 5 1/2010 Free
7413.00.09	00D	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.5 1/2010 3 1/2011 1.5 1/2012 Free TH Free TPA Free
7413.00.19			– Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H	kg	. . Copper pigtails for use in making carbon brushes and circuit breakers		
	09C	kg	. . Other		
<b>74.15</b>			<b>Nails, tacks, drawing pins, staples (other than those of heading 83.05) 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:</b>		
7415.10			– Nails and tacks, drawing pins, staples and similar articles:		
7415.10.01	00C	kg	-- Peculiar to use in footwear	Free	Free
7415.10.09	00D	kg	-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
			– Other articles, not threaded:		
7415.21.00	00E	kg	-- Washers (including spring washers)	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
7415.29.00	00A	kg	-- Other	Free	Free

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Chapter 74—*continued*  
**Copper and articles thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Nails, tacks, drawing pins, staples (other than those, etc.—<i>continued</i>)</b>					
– Other threaded articles:					
7415.33.00			-- Screws; bolts and nuts	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	11C	kg	. . . Screws for wood		
	15F	kg	. . . Bolts		
	19J	kg	. . . Other		
7415.39.00			-- Other	Free	Free
	01C	kg	. . . Screw hooks and screw rings		
	09J	kg	. . . Other		
<b>74.18</b>	<b>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:</b>				
– Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like:					
7418.11.00	00F	kg	-- Pot scourers and scouring or polishing pads, gloves and the like	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
7418.19.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10K	kg	. . . Cooking or heating apparatus, non-electric, and parts thereof		
	19C	kg	. . . Other		
7418.20.00	00E	kg	-- Sanitary ware and parts thereof	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>74.19</b>	<b>Other articles of copper:</b>				
7419.10.00	00K	kg	-- Chain and parts thereof	Free	Free
– Other:					
7419.91.00	10L	kg	-- Cast, moulded, stamped or forged, but not further worked	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
7419.99			-- Other:		
7419.99.01	00F	..	--- Nose rings for animals; clips, tags, rings and the like for the identification of animals, birds or fish	Free	Free
7419.99.09	00G	..	--- Pins (including safety pins)	Free	Free
7419.99.17			--- Cloth (including endless bands), grill and netting, of copper wire; expanded metal of copper	Free	Free
			. . . . Cloth:		
	10G	kg	. . . . . Endless bands, for machinery		
	13A	kg	. . . . . Other		
			. . . . Other:		
	17D	kg	. . . . . Expanded metal		
	19L	kg	. . . . . Other		

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Chapter 74—*continued*  
**Copper and articles thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Other articles of copper—<i>continued</i></b>					
— Other— <i>continued</i>					
-- Other— <i>continued</i>					
7419.99.21	00G	kg	--- Copper springs	Free	Free
7419.99.25	00B	kg	--- Cooking or heating apparatus of a kind used for domestic purposes, non-electric, and parts thereof, excluding those of heading 74.18	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
7419.99.29	00H	kg	--- Other	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

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