

CHAPTER 74**Copper and articles thereof****NOTE :**

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	0.50
Cd	Cadmium	1.30
Cr	Chromium	1.40
Mg	Magnesium	0.80
Pb	Lead	1.50
S	Sulphur	0.70
Sn	Tin	0.80
Te	Tellurium	0.80
Zn	Zinc	1.00
Zr	Zirconium	0.30
	Other elements *, each	0.30

* 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 12.5 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.

(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:

- (i) of a rectangular (including square) shape with a thickness not exceeding one tenth of the width,

(ii) 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-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

SUB-HEADING NOTE :

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:

- (i) zinc predominates by weight over each of such other elements;
- (ii) any nickel content by weight is less than 5%. [see copper-nickel-zinc alloys (nickel silvers)]; and
- (iii) 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.

Heading No.	H S Code	ITC(HS) Code	Description	Unit of Quantity
7401			COPPER MATTES; CEMENT COPPER (PRECIPITATED COPPER)	
	740100		- Copper mattes; Cement copper (precipitated copper):	
		74010010	--- Copper mattes	Kg.
		74010090	--- Cement copper (precipitated copper)	kg.
7402			UNREFINED COPPER; COPPER ANODES FOR ELECTROLYTIC REFINING	
	740200		- Unrefined copper; copper anodes for electrolytic refining :	
		74020010	--- Blister copper	kg.
		74020090	--- Other	kg.
7403			REFINED COPPER AND COPPER ALLOYS, UNWROUGHT	
			- Refined copper :	
		74031100	-- Cathodes and sections of cathodes	kg.
		74031200	-- Wire-bars	kg.
		74031300	-- Billets	kg.
		74031900	-- Other	kg.
			- Copper alloys :	
		74032100	-- Copper-zinc base alloys (brass)	kg.
	740322		-- Copper-tin base alloys (bronze) :	
		74032210	--- Phosphor bronze	kg.
		74032290	--- Other	kg.
		74032900	-- Other copper alloys (other than master alloys of heading 7405)	kg.
7404			COPPER WASTE AND SCRAP	

Heading No.	HS Code	ITC(HS) Code	Description	Unit of Quantity
740400			- Copper waste and scrap:	
			--- <i>Of copper :</i>	
	74040011		--- Empty or discharged cartridges of all bores and sizes	kg.
	74040012		--- Copper scrap, namely the following : 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 word Palms	kg.
	74040019		--- Other	kg.
			--- <i>Of copper alloys :</i>	
	74040021		--- Empty or discharged cartridges of all bores and sizes	kg.

Heading No.	HS Code	ITC(HS) Code	Description	Unit of Quantity
	74040022	---	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 code 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 word Ivory; new brass clippings covered by ISRI code 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 Nomad; mixed unsweated auto radiators covered by ISRI code word Ocean; a dmiralty 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	kg.
	74040029	---	Other	kg.
	74050000		MASTER ALLOYS OF COPPER	kg.
7406			COPPER POWDERS AND FLAKES	
	74061000	-	Powders of non-lamellar structure	kg.
	74062000	-	Powders of lamellar structure; flakes	kg.
7407			COPPER BARS, RODS AND PROFILES	
	740710	-	Of refined copper :	
	74071010	---	Electrolytic copper rods or black copper rods	kg.
	74071020	---	Other copper rods	kg.
	74071030	---	Copper bars (excluding hollow bars)	kg.

Heading No.	H S Code	ITC(HS) Code	Description	Unit of Quantity
		74071040	--- Hollow bars of copper	kg.
			--- Profiles :	
		74071051	--- Hollow profiles	kg.
		74071059	--- Other	kg.
		74071090	--- Other	kg.
			- Of copper alloys :	
740721			-- Of copper-zinc base alloys (brass) :	
		74072110	--- Bars	kg.
		74072120	--- Rods	kg.
		74072130	--- Hollow bars	kg.
		74072190	--- Other	kg.
740729			-- Other :	
		74072910	--- Rods of bronze and similar alloys	kg.
			--- Profiles :	
		74072921	--- Hollow	kg.
		74072929	--- Other	kg.
		74072990	--- Other	kg.
7408			COPPER WIRE	
			- Of refined copper :	
740811			-- Of which the maximum cross-sectional dimension exceeds 6 mm :	
		74081110	--- Copper weld wire	kg.
		74081190	--- Other	kg.
740819			-- Other :	
		74081910	--- Copper weld wire	kg.

Heading No.	H S Code	ITC(HS) Code	Description	Unit of Quantity
		74081920	--- Welding wire	kg.
		74081990	--- Other	kg.
			- <i>Of copper alloys :</i>	
	740821		-- Of copper-zinc base alloys (brass) :	
		74082110	--- Of which the maximum cross-sectional dimension exceeds 6 mm	kg.
		74082190	--- Other	kg.
	740822		-- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver) :	
		74082210	--- Silver plated flattened wire of copper (lametta)	kg.
		74082220	--- Other of which the maximum cross-sectional dimension exceeds 6 mm	kg.
		74082290	--- Other	kg.
	740829		-- Other :	
		74082910	--- Wire of bronze and similar alloys	kg.
		74082990	--- Other	kg.
7409			COPPER PLATES, SHEETS AND STRIP, OF A THICKNESS EXCEEDING 0.12.5 MM	
			- <i>Of refined copper :</i>	
		74091100	-- In coils	kg.
		74091900	-- Other	kg.
			- <i>Of copper-zinc base alloys (brass) :</i>	
		74092100	-- In coils	kg.
		74092900	-- Other	kg.
			- <i>Of copper-tin base alloys (bronze) :</i>	
		74093100	-- In coils	kg.
		74093900	-- Other	kg.

Heading No.	HS Code	ITC(HS) Code	Description	Unit of Quantity
		74094000	- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	kg.
		74099000	- Of other copper alloys	kg.
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 0.12.5 MM	
			- <i>Not backed :</i>	
		74101100	-- Of refined copper	kg.
		74101200	-- Of copper alloys	kg.
			- <i>Backed :</i>	
		74102100	-- Of refined copper	kg.
		74102200	-- Of copper alloys	kg.
7411			COPPER TUBES AND PIPES	
		74111000	- Of refined copper	kg.
			- <i>Of copper alloys :</i>	
		74112100	-- Of copper-zinc base alloys (brass)	kg.
		74112200	-- Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	kg.
		74112900	-- Other	kg.
7412			COPPER TUBE OR PIPE FITTINGS (FOR EXAMPLE, COUPLINGS, ELBOWS, SLEEVES)	
		74121000	- Of refined copper	kg.
	741220		- Of copper alloys :	
			--- <i>Brass :</i>	
		74122011	--- Tube-well strainer	kg.
		74122012	--- Hose connectors	kg.

Heading No.	HS Code	ITC(HS) Code	Description	Unit of Quantity
		74122019	--- Other	kg.
		74122090	--- Fittings of bronze or other alloys of copper	kg.
		74130000	STRANDED WIRE, CABLES, PLATED BANDS AND THE LIKE, OF COPPER, NOT ELECTRICALLY INSULATED	kg.
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	
		74151000	- Nails and tacks, drawing pins, staples and similar articles	kg.
			- <i>Other articles, not threaded :</i>	
		74152100	-- Washers (including spring washers)	kg.
		74152900	-- Other	kg.
			- <i>Other threaded articles :</i>	
		741533	-- Screws; bolts and nuts :	
		74153310	--- Screws for wood	kg.
		74153390	--- Other	kg.
		741539	-- Other :	
		74153910	--- Rivets (excluding tubular or bifurcated)	kg.
		74153990	--- Other	kg.
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	

Heading No.	H S Code	ITC(HS) Code	Description	Unit of Quantity
			- Table, kitchen or other household articles and parts thereof; pot scourers and scouring or polishing pads, gloves and the like :	
		74181100	-- Pot scourers and scouring or polishing pads, gloves and the like	kg.
741819			-- Other :	
		74181910	--- E.P.N.S. ware	kg.
			--- Utensils :	
		74181921	--- Of brass	kg.
		74181922	--- Of copper	kg.
		74181929	--- Of other copper alloys	kg.
		74181930	--- Other table, kitchen or other household articles	kg.
		74181990	--- Parts	kg.
741820			- Sanitary ware and parts thereof :	
		74182010	--- Sanitary ware	kg.
		74182020	--- Parts of sanitary ware	kg.
7419			OTHER ARTICLES OF COPPER	
		741910	- Chain and parts thereof :	
		74191010	--- Chain	kg.
			--- Parts :	
		74191021	--- Of copper chains	kg.
		74191029	--- Other	kg.
			- Other :	
		74199100	-- Cast, moulded, stamped or forged, but not further worked	kg.
741999			-- Other :	

Heading No.	HS Code	ITC(HS) Code	Description	Unit of Quantity
	74199910	---	Reservoirs, tanks, vats and similar containers of a capacity above 300 l	kg.
	74199920	---	Articles of copper alloys electro-plated with nickel-silver	kg.
	74199930	---	Articles of brass	kg.
	74199940	---	Copper worked articles	kg.
	74199990	---	Other articles of copper	kg.