

Chapter 48

Paper and paperboard; articles of paper pulp, of paper or of paperboard

Notes.

- 1.- For the purposes of this Chapter, except where the context otherwise requires, a reference to “paper” includes references to paperboard (irrespective of thickness or weight per m²).
- 2.- This Chapter does not cover :
 - (a) Articles of Chapter 30;
 - (b) Stamping foils of heading 32.12;
 - (c) Perfumed papers or papers impregnated or coated with cosmetics (Chapter 33);
 - (d) Paper or cellulose wadding impregnated, coated or covered with soap or detergent (heading 34.01), or with polishes, creams or similar preparations (heading 34.05);
 - (e) Sensitised paper or paperboard of headings 37.01 to 37.04;
 - (f) Paper impregnated with diagnostic or laboratory reagents (heading 38.22);
 - (g) Paper-reinforced stratified sheeting of plastics, or one layer of paper or paperboard coated or covered with a layer of plastics, the latter constituting more than half the total thickness, or articles of such materials, other than wall coverings of heading 48.14 (Chapter 39);
 - (h) Articles of heading 42.02 (for example, travel goods);
 - (ij) Articles of Chapter 46 (manufactures of plaiting material);
 - (k) Paper yarn or textile articles of paper yarn (Section XI);
 - (l) Articles of Chapter 64 or Chapter 65;
 - (m) Abrasive paper or paperboard (heading 68.05) or paper- or paperboard-backed mica (heading 68.14) (paper and paperboard coated with mica powder are, however, to be classified in this Chapter);
 - (n) Metal foil backed with paper or paperboard (Section XV);
 - (o) Articles of heading 92.09; or
 - (p) Articles of Chapter 95 (for example, toys, games, sports requisites) or Chapter 96 (for example, buttons).
- 3.- Subject to the provisions of Note 7, headings 48.01 to 48.05 include paper and paperboard which have been subjected to calendering, super-calendering, glazing or similar finishing, false water-marking or surface sizing, and also paper, paperboard, cellulose wadding and webs of cellulose fibres, coloured or marbled throughout the mass by any method. Except where heading 48.03 otherwise requires, these headings do not apply to paper, paperboard, cellulose wadding or webs of cellulose fibres which have been otherwise processed.
- 4.- In this Chapter the expression “newsprint” means uncoated paper of a kind used for the printing of newspapers, of which not less than 65 % by weight of the total fibre content consists of wood fibres obtained by a mechanical or chemi-mechanical process, unsized or very lightly sized, having a surface roughness Parker Print Surf (1 MPa) on each side exceeding 2.5 micrometres (microns), weighing not less than 40 g/m² and not more than 65 g/m².
- 5.- For the purposes of heading 48.02, the expressions “paper and paperboard, of a kind used for writing, printing or other graphic purposes” and “non perforated punch-cards and punch tape paper” mean paper and paperboard made mainly from bleached pulp or from pulp obtained by a mechanical or chemi-mechanical process and satisfying any of the following criteria :

For paper or paperboard weighing not more than 150 g/m² :

 - (a) containing 10 % or more of fibres obtained by a mechanical or chemi-mechanical process, and
 1. weighing not more than 80 g/m², or
 2. coloured throughout the mass; or
 - (b) containing more than 8 % ash, and
 1. weighing not more than 80 g/m², or
 2. coloured throughout the mass; or
 - (c) containing more than 3 % ash and having a brightness of 60 % or more; or
 - (d) containing more than 3 % but not more than 8 % ash, having a brightness less than 60 %, and a burst index equal to or less than 2.5 kPa·m²/g; or
 - (e) containing 3 % ash or less, having a brightness of 60 % or more and a burst index equal to or less than 2.5 kPa·m²/g.

For paper or paperboard weighing more than 150 g/m² :

- (a) coloured throughout the mass; or
- (b) having a brightness of 60 % or more, and
 - 1. a caliper of 225 micrometres (microns) or less, or
 - 2. a caliper of more than 225 micrometres (microns) but not more than 508 micrometres (microns) and an ash content of more than 3 %; or
- (c) having a brightness of less than 60 %, a caliper of 254 micrometres (microns) or less and an ash content of more than 8 %.

Heading 48.02 does not, however, cover filter paper or paperboard (including tea-bag paper) or felt paper or paperboard.

- 6.- In this Chapter “kraft paper and paperboard” means paper and paperboard of which not less than 80 % by weight of the total fibre content consists of fibres obtained by the chemical sulphate or soda processes.
- 7.- Except where the terms of the headings otherwise require, paper, paperboard, cellulose wadding and webs of cellulose fibres answering to a description in two or more of the headings 48.01 to 48.11 are to be classified under that one of such headings which occurs last in numerical order in the Nomenclature.
- 8.- Headings 48.01 and 48.03 to 48.09 apply only to paper, paperboard, cellulose wadding and webs of cellulose fibres:
 - (a) in strips or rolls of a width exceeding 36 cm; or
 - (b) in rectangular (including square) sheets with one side exceeding 36 cm and the other side exceeding 15 cm in the unfolded state.
- 9.- For the purposes of heading 48.14, the expression “wallpaper and similar wall coverings” applies only to :
 - (a) Paper in rolls, of a width of not less than 45 cm and not more than 160 cm, suitable for wall or ceiling decoration :
 - (i) Grained, embossed, surface-coloured, design-printed or otherwise surface-decorated (e.g., with textile flock), whether or not coated or covered with transparent protective plastics;
 - (ii) With an uneven surface resulting from the incorporation of particles of wood, straw, etc.;
 - (iii) Coated or covered on the face side with plastics, the layer of plastics being grained, embossed, coloured, design-printed or otherwise decorated; or
 - (iv) Covered on the face side with plaiting material, whether or not bound together in parallel strands or woven;
 - (b) Borders and friezes, of paper, treated as above, whether or not in rolls, suitable for wall or ceiling decoration;
 - (c) Wall coverings of paper made up of several panels, in rolls or sheets, printed so as to make up a scene, design or motif when applied to a wall.

Products on a base of paper or paperboard, suitable for use both as floor coverings and as wall coverings, are to be classified in heading 48.15.

- 10.- Heading 48.20 does not cover loose sheets or cards, cut to size, whether or not printed, embossed or perforated.
- 11.- Heading 48.23 applies, *inter alia*, to perforated paper or paperboard cards for Jacquard or similar machines and paper lace.
- 12.- Except for the goods of heading 48.14 or 48.21, paper, paperboard, cellulose wadding and articles thereof, printed with motifs, characters or pictorial representations, which are not merely incidental to the primary use of the goods, fall in Chapter 49.

Subheading Notes.

- 1.- For the purposes of subheadings 4804.11 and 4804.19, “kraftliner” means machine-finished or machine-glazed paper and paperboard, of which not less than 80 % by weight of the total fibre content consists of wood fibres obtained by the chemical sulphate or soda processes, in rolls, weighing more than 115 g/m² and having a minimum Mullen bursting strength as indicated in the following table or the linearly interpolated or extrapolated equivalent for any other weight.

Weight g/m ²	Minimum Mullen bursting strength KPa
115	393
125	417
200	637
300	824
400	961

- 2.- For the purposes of subheadings 4804.21 and 4804.29, “sack kraft paper” means machine-finished paper, of which not less than 80 % by weight of the total fibre content consists of fibres obtained by the chemical sulphate or soda processes, in rolls, weighing not less than 60 g/m² but not more than 115 g/m² and meeting one of the following sets of specifications :
- (a) Having a Mullen burst index of not less than 3.7 kPa·m²/g and a stretch factor of more than 4.5 % in the cross direction and of more than 2 % in the machine direction.
- (b) Having minima for tear and tensile as indicated in the following table or the linearly interpolated equivalent for any other weight :

Weight G/m ²	Minimum tear mN		Minimum tensile kN/m	
	Machine Direction	Machine direction plus cross direction	Cross Direction	Machine direction plus cross direction
60	700	1,510	1.9	6
70	830	1,790	2.3	7.2
80	965	2,070	2.8	8.3
100	1,230	2,635	3.7	10.6
115	1,425	3,060	4.4	12.3

- 3.- For the purposes of subheading 4805.11, “semi-chemical fluting paper” means paper, in rolls, of which not less than 65 % by weight of the total fibre content consists of unbleached hardwood fibres obtained by a semi-chemical pulping process, and having a CMT 30 (Corrugated Medium Test with 30 minutes of conditioning) crush resistance exceeding 1.8 newtons/g/m² at 50 % relative humidity, at 23 °C.
- 4.- Subheading 4805.12 covers paper, in rolls, made mainly of straw pulp obtained by a semi-chemical process, weighing 130 g/m² or more, and having a CMT 30 (Corrugated Medium Test with 30 minutes of conditioning) crush resistance exceeding 1.4 newtons/g/m² at 50 % relative humidity, at 23 °C.
- 5.- Subheadings 4805.24 and 4805.25 cover paper and paperboard made wholly or mainly of pulp of recovered (waste and scrap) paper or paperboard. Testliner may also have a surface layer of dyed paper or of paper made of bleached or unbleached non-recovered pulp. These products have a Mullen burst index of not less than 2 kPa·m²/g.
- 6.- For the purposes of subheading 4805.30, “sulphite wrapping paper” means machine-glazed paper, of which more than 40 % by weight of the total fibre content consists of wood fibres obtained by the chemical sulphite process, having an ash content not exceeding 8 % and having a Mullen burst index of not less than 1.47 kPa·m²/g.
- 7.- For the purposes of subheading 4810.22, “light-weight coated paper” means paper, coated on both sides, of a total weight not exceeding 72 g/m², with a coating weight not exceeding 15 g/m² per side, on a base of which not less than 50 % by weight of the total fibre content consists of wood fibres obtained by a mechanical process.

Heading	H.S. Code	
48.01	4801.00	Newsprint, in rolls or sheets.
48.02		Uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and non perforated punch-cards and punch tape paper, in rolls or rectangular (including square) sheets, of any size, other than paper of heading 48.01 or 48.03; hand-made paper and paperboard.
	4802.10	- Hand-made paper and paperboard
	4802.20	- Paper and paperboard of a kind used as a base for photo-sensitive, heat-sensitive or electro-sensitive paper or paperboard
	4802.30	- Carbonising base paper
	4802.40	- Wallpaper base
		- Other paper and paperboard, not containing fibres obtained by a mechanical or chemi-mechanical process or of which not

		more than 10 % by weight of the total fibre content consists of such fibres :
	4802.54	-- Weighing less than 40 g/m ²
	4802.55	-- Weighing 40 g/m ² or more but not more than 150 g/m ² , in rolls
	4802.56	-- Weighing 40 g/m ² or more but not more than 150 g/m ² , in sheets with one side not exceeding 435 mm and the other side not exceeding 297 mm in the unfolded state
	4802.57	-- Other, weighing 40 g/m ² or more but not more than 150 g/m ²
	4802.58	-- Weighing more than 150 g/m ²
		- Other paper and paperboard, of which more than 10 % by weight of the total fibre content consists of fibres obtained by a mechanical or chemi-mechanical process :
	4802.61	-- In rolls
	4802.62	-- In sheets with one side not exceeding 435 mm and the other side not exceeding 297 mm in the unfolded state
	4802.69	-- Other
48.03	4803.00	Toilet or facial tissue stock, towel or napkin stock and similar paper of a kind used for household or sanitary purposes, cellulose wadding and webs of cellulose fibres, whether or not creped, crinkled, embossed, perforated, surface-coloured, surface-decorated or printed, in rolls or sheets.
48.04		Uncoated kraft paper and paperboard, in rolls or sheets, other than that of heading 48.02 or 48.03.
		- Kraftliner :
	4804.11	-- Unbleached
	4804.19	-- Other
		- Sack kraft paper :
	4804.21	-- Unbleached
	4804.29	-- Other
		- Other kraft paper and paperboard weighing 150 g/m ² or less :
	4804.31	-- Unbleached
	4804.39	-- Other
		- Other kraft paper and paperboard weighing more than 150 g/m ² but less than 225 g/m ² :
	4804.41	-- Unbleached
	4804.42	-- Bleached uniformly throughout the mass and of which more than 95 % by weight of the total fibre content consists of wood fibres obtained by a chemical process
	4804.49	-- Other
		- Other kraft paper and paperboard weighing 225 g/m ² or more :
	4804.51	-- Unbleached
	4804.52	-- Bleached uniformly throughout the mass and of which more than 95 % by weight of the total fibre content consists of wood obtained by a chemical process
	4804.59	-- Other
48.05		Other uncoated paper and paperboard, in rolls or sheets, not further worked or processed than as specified in Note 3 to this Chapter.
		- Fluting paper :
	4805.11	-- Semi-chemical fluting paper
	4805.12	-- Straw fluting paper

	4805.19	-- Other
		- Testliner (recycled liner board) :
	4805.24	-- Weighing 150 g/m ² or less
	4805.25	-- Weighing more than 150 g/m ²
	4805.30	- Sulphite wrapping paper
	4805.40	- Filter paper and paperboard
	4805.50	- Felt paper and paperboard
		- Other :
	4805.91	-- Weighing 150 g/m ² or less
	4805.92	-- Weighing more than 150 g/m ² but less than 225 g/m ²
	4805.93	-- Weighing 225 g/m ² or more
48.06		Vegetable parchment, greaseproof papers, tracing papers and glassine and other glazed transparent or translucent papers, in rolls or sheets.
	4806.10	- Vegetable parchment
	4806.20	- Greaseproof papers
	4806.30	- Tracing papers
	4806.40	- Glassine and other glazed transparent or translucent papers
48.07	4807.00	Composite paper and paperboard (made by sticking flat layers of paper or paperboard together with an adhesive), not surface-coated or impregnated, whether or not internally reinforced, in rolls or sheets.
48.08		Paper and paperboard, corrugated (with or without glued flat surface sheets), creped, crinkled, embossed or perforated, in rolls or sheets, other than paper of the kind described in heading 48.03.
	4808.10	- Corrugated paper and paperboard, whether or not perforated
	4808.20	- Sack kraft paper, creped or crinkled, whether or not embossed or perforated
	4808.30	- Other kraft paper, creped or crinkled, whether or not embossed or perforated
	4808.90	- Other
48.09		Carbon paper, self-copy paper and other copying or transfer papers (including coated or impregnated paper for duplicator stencils or offset plates), whether or not printed, in rolls or sheets.
	4809.10	- Carbon or similar copying papers
	4809.20	- Self-copy paper
	4809.90	- Other
48.10		Paper and paperboard, coated on one or both sides with kaolin (China clay) or other inorganic substances, with or without a binder, and with no other coating, whether or not surface-coloured, surface-decorated or printed, in rolls or rectangular (including square) sheets, of any size.
		- Paper and paperboard of a kind used for writing, printing or other graphic purposes, not containing fibres obtained by a mechanical or chemi-mechanical process or of which not more than 10 % by weight of the total fibre content consists of such fibres :
	4810.13	-- In rolls
	4810.14	-- In sheets with one side not exceeding 435 mm and the other side not exceeding 297 mm in the unfolded state

	4810.19	-- Other - Paper and paperboard of a kind used for writing, printing or other graphic purposes, of which more than 10 % by weight of the total fibre content consists of fibres obtained by a mechanical or chemi-mechanical process :
	4810.22	-- Light-weight coated paper
	4810.29	-- Other - Kraft paper and paperboard, other than that of a kind used for writing, printing or other graphic purposes :
	4810.31	-- Bleached uniformly throughout the mass and of which more than 95 % by weight of the total fibre content consists of wood fibres obtained by a chemical process, and weighing 150 g/m ² or less
	4810.32	-- Bleached uniformly throughout the mass and of which more than 95 % by weight of the total fibre content consists of wood fibres obtained by a chemical process, and weighing more than 150 g/m ²
	4810.39	-- Other - Other paper and paperboard :
	4810.92	-- Multi-ply
	4810.99	-- Other
48.11		Paper, paperboard, cellulose wadding and webs of cellulose fibres, coated, impregnated, covered, surface-coloured, surface-decorated or printed, in rolls or rectangular (including square) sheets, of any size, other than goods of the kind described in heading 48.03, 48.09 or 48.10.
	4811.10	- Tarred, bituminised or asphalted paper and paperboard - Gummed or adhesive paper and paperboard :
	4811.41	-- Self-adhesive
	4811.49	-- Other - Paper and paperboard coated, impregnated or covered with plastics (excluding adhesives) :
	4811.51	-- Bleached, weighing more than 150 g/m ²
	4811.59	-- Other
	4811.60	- Paper and paperboard, coated, impregnated or covered with wax, paraffin wax, stearin, oil or glycerol
	4811.90	- Other paper, paperboard, cellulose wadding and webs of cellulose fibres
48.12	4812.00	Filter blocks, slabs and plates, of paper pulp.
48.13		Cigarette paper, whether or not cut to size or in the form of booklets or tubes.
	4813.10	- In the form of booklets or tubes
	4813.20	- In rolls of a width not exceeding 5 cm
	4813.90	- Other
48.14		Wallpaper and similar wall coverings; window transparencies of paper.
	4814.10	- "Ingrain" paper
	4814.20	- Wallpaper and similar wall coverings, consisting of paper coated or covered, on the face side, with a grained, embossed, coloured, design-printed or otherwise decorated layer of plastics
	4814.30	- Wallpaper and similar wall coverings, consisting of paper covered, on the face side, with plaiting material, whether or not bound together in parallel strands or woven

	4814.90	- Other
48.15	4815.00	Floor coverings on a base of paper or of paperboard, whether or not cut to size.
48.16		Carbon paper, self-copy paper and other copying or transfer papers (other than those of heading 48.09), duplicator stencils and offset plates, of paper, whether or not put up in boxes.
	4816.10	- Carbon or similar copying papers
	4816.20	- Self-copy paper
	4816.30	- Duplicator stencils
	4816.90	- Other
48.17		Envelopes, letter cards, plain postcards and correspondence cards, of paper or paperboard; boxes, pouches, wallets and writing compendiums, of paper or paperboard, containing an assortment of paper stationery.
	4817.10	- Envelopes
	4817.20	- Letter cards, plain postcards and correspondence cards
	4817.30	- Boxes, pouches, wallets and writing compendiums, of paper or paperboard, containing an assortment of paper stationery
48.18		Toilet paper and similar paper, cellulose wadding or webs of cellulose fibres, of a kind used for household or sanitary purposes, in rolls of a width not exceeding 36 cm, or cut to size or shape; handkerchiefs, cleansing tissues, towels, tablecloths, serviettes, napkins for babies, tampons, bed sheets and similar household, sanitary or hospital articles, articles of apparel and clothing accessories, of paper pulp, paper, cellulose wadding or webs of cellulose fibres.
	4818.10	- Toilet paper
	4818.20	- Handkerchiefs, cleansing or facial tissues and towels
	4818.30	- Tablecloths and serviettes
	4818.40	- Sanitary towels and tampons, napkins and napkin liners for babies and similar sanitary articles
	4818.50	- Articles of apparel and clothing accessories
	4818.90	- Other
48.19		Cartons, boxes, cases, bags and other packing containers, of paper, paperboard, cellulose wadding or webs of cellulose fibres; box files, letter trays, and similar articles, of paper or paperboard of a kind used in offices, shops or the like.
	4819.10	- Cartons, boxes and cases, of corrugated paper or paperboard
	4819.20	- Folding cartons, boxes and cases, of non-corrugated paper or paperboard
	4819.30	- Sacks and bags, having a base of a width of 40 cm or more
	4819.40	- Other sacks and bags, including cones
	4819.50	- Other packing containers, including record sleeves
	4819.60	- Box files, letter trays, storage boxes and similar articles, of a kind used in offices, shops or the like
48.20		Registers, account books, note books, order books, receipt books, letter pads, memorandum pads, diaries and similar articles, exercise books, blotting-pads, binders (loose-leaf or other), folders, file covers, manifold business forms, interleaved carbon sets and other articles of stationery, of paper or paperboard; albums for samples or for collections and book covers, of paper or paperboard.
	4820.10	- Registers, account books, note books, order books, receipt books, letter pads, memorandum pads, diaries and similar articles

	4820.20	- Exercise books
	4820.30	- Binders (other than book covers), folders and file covers
	4820.40	- Manifold business forms and interleaved carbon sets
	4820.50	- Albums for samples or for collections
	4820.90	- Other
48.21		Paper or paperboard labels of all kinds, whether or not printed.
	4821.10	- Printed
	4821.90	- Other
48.22		Bobbins, spools, cops and similar supports of paper pulp, paper or paperboard (whether or not perforated or hardened).
	4822.10	- Of a kind used for winding textile yarn
	4822.90	- Other
48.23		Other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; other articles of paper pulp, paper, paperboard, cellulose wadding or webs of cellulose fibres.
		- Gummed or adhesive paper, in strips or rolls :
	4823.12	-- Self-adhesive
	4823.19	-- Other
	4823.20	- Filter paper and paperboard
	4823.40	- Rolls, sheets and dials, printed for self-recording apparatus
	4823.60	- Trays, dishes, plates, cups and the like, of paper or paperboard
	4823.70	- Moulded or pressed articles of paper pulp
	4823.90	- Other
