

CHAPTER 48

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

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- 4801 Newsprint, in rolls or sheets
- 4802 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 4801 or 4803; hand-made paper and paperboard
- 4803 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
- 4804 Uncoated kraft paper and paperboard, in rolls or sheets, other than that of 4802 or 4803
- 4805 Other uncoated paper and paperboard, in rolls or sheets, not further worked or processed than as specified in Note 3 to this Chapter
- 4806 Vegetable parchment, greaseproof papers, tracing papers and glassine and other glazed transparent or translucent papers, in rolls or sheets
- 4807 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
- 4808 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 4803
- 4809 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
- 4810 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
- 4811 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 4803, 4809 or 4810
- 4812 Filter blocks, slabs and plates, of paper pulp
- 4813 Cigarette paper, whether or not cut to size or in the form of booklets or tubes
- 4814 Wallpaper and similar wall coverings; window transparencies of paper
- ★ 4815 No heading
- 4816 Carbon paper, self-copy paper and other copying or transfer papers (other than those of 4809), duplicator stencils and offset plates, of paper, whether or not put up in boxes
- 4817 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
- 4818 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
- 4819 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

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- 4820 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
- 4821 Paper or paperboard labels of all kinds, whether or not printed
- 4822 Bobbins, spools, cops and similar supports of paper pulp, paper or paperboard (whether or not perforated or hardened)
- 4823 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
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**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 square metre).
- 2.- This Chapter does not cover:
- (a) Articles of Chapter 30;
  - (b) Stamping foils of 3212;
  - (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 (3401), or with polishes, creams or similar preparations (3405);
  - (e) Sensitised paper or paperboard of 3701 to 3704.00.00;
  - (f) Paper impregnated with diagnostic or laboratory reagents (3822);
  - (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 4814 (Chapter 39);
  - (h) Articles of 4202 (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 (6805) or paper- or paperboard-backed mica (6814) (paper and paperboard coated with mica powder are, however, to be classified in this Chapter);
  - ★ (n) Metal foil backed with paper or paperboard (generally Section XIV or XV);
  - (o) Articles of 9209; 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, 4801 to 4805 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 4803 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 "newsprint" means uncoated paper of a kind used for the printing of newspapers, of which not less than 50% 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/m<sup>2</sup> and not more than 65 g/m<sup>2</sup>.

5.- For the purposes of 4802, "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/m<sup>2</sup>:

- (a) containing 10% or more of fibres obtained by a mechanical or chemi-mechanical process, and
  - 1. weighing not more than 80 g/m<sup>2</sup>, or
  - 2. coloured throughout the mass; or
- (b) containing more than 8% ash, and
  - 1. weighing not more than 80 g/m<sup>2</sup>, 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.m<sup>2</sup>/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.m<sup>2</sup>/g.

For paper or paperboard weighing more than 150 g/m<sup>2</sup>:

- (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 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 more than 8%.

4802 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 4801 to 4811 are to be classified under that one of such headings which occurs last in numerical order in this Schedule.

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- 8.- 4801 and 4803 to 4809 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 4814, "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 (for example, 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 4823.
- 10.- 4820 does not cover loose sheets or cards, cut to size, whether or not printed, embossed or perforated.
- 11.- 4823 applies, *inter alia*, to perforated paper or paperboard cards for Jacquard or similar machines and paper lace.
- 12.- Except for the goods of 4814 or 4821, 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 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/m<sup>2</sup> 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 <sup>2</sup>	Minimum Mullen bursting strength kPa
115	393
125	417
200	637
300	824
400	961

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- 2.- For the purposes of 4804.21.00 and 4804.29.00, "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/m<sup>2</sup> but not more than 115 g/m<sup>2</sup> and meeting one of the following sets of specifications:
- (a) Having a Mullen burst index of not less than 3.7 kPa.m<sup>2</sup>/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 <sup>2</sup>	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 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/m<sup>2</sup> at 50% relative humidity, at 23 °C.
- 4.- 4805.12 covers paper, in rolls, made mainly of straw pulp obtained by a semi-chemical process, weighing 130 g/m<sup>2</sup> or more, and having a CMT 30 (Corrugated Medium Test with 30 minutes of conditioning) crush resistance exceeding 1.4 newtons/g/m<sup>2</sup> at 50% relative humidity, at 23 °C.
- 5.- 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.m<sup>2</sup>/g.
- 6.- For the purposes of 4805.30.00, "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.m<sup>2</sup>/g.
- 7.- For the purposes of 4810.22.00, "light-weight coated paper" means paper, coated on both sides, of a total weight not exceeding 72 g/m<sup>2</sup>, with a coating weight not exceeding 15 g/m<sup>2</sup> 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.

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**Additional Notes.**

- 1.- For the purposes of 4810.13.10, 4810.14.10, 4810.19.10, 4810.29.10 and 4811.90.40, "cast coated paper and paperboard" means paper and paperboard, coated by a cast coating process consisting of a single coat (on one or both sides) in which clay or other inorganic substances predominate, having a gloss value of not less than 70 on the coated side, other than -
  - (a) adhesive coated;
  - (b) printed; or
  - (c) calendered or super-calendered,being paper and paperboard that satisfies one of the following criteria:
  - (i) for paper and paperboard weighing not more than 205 g/m<sup>2</sup>, having a density of less than 1.1 g/cm<sup>3</sup>;
  - (ii) for paper and paperboard weighing more than 205 g/m<sup>2</sup>, having a Parker Print Surf Roughness of less than 1.2 as measured on a Parker Print Surf 78 instrument with a 10 kg load.
- 2.- For the purposes of Additional Note 1 above, "gloss" is to be measured at 75 ° using a Hunterlab Model 1 D-16 gloss meter or any equivalent internationally recognised gloss measurement method.
- 3.- Except where the terms of the subheadings otherwise require, paper, paperboard, cellulose wadding and webs of cellulose fibres answering to a description in two or more of subheadings 4823.90.20 to 4823.90.8 are to be classified under that one of such subheadings which occurs last in numerical order in this Schedule.
- 4.- The provisions of Subheading Note 1 to Chapter 48 also apply to "kraftliner" of 4823.90.31 and 4823.90.32.
- 5.- The provisions of Subheading Note 2 to Chapter 48 also apply to "sack kraft paper" of 4823.90.33 and 4823.90.34.
- 6.- Subheadings 4823.90.4 and 4823.90.5 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. These subheadings do not apply to paper, paperboard, cellulose wadding or webs of cellulose fibres which have been otherwise processed.
- 7.- The provisions of Subheading Note 3 to Chapter 48 also apply to "semi-chemical fluting paper" of 4823.90.41 and 4823.90.42.
- 8.- The provisions of Subheading Note 4 to Chapter 48 also apply to "sulphite wrapping paper" of 4823.90.45.
- ★ 9.- Products on a base of paper or paperboard, suitable for use both as floor coverings and as wall coverings, are to be classified in 4823.90.90.