## 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 $\mathrm{m}^{2}$ '
2. This chapter does not cover :
(a) Articles of Chapter 30;
(b) Stamping foils of heading 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 (heading 3401), or with polishes, creams or similar preparations (heading 3405);
(e) Sensitised paper or paperboard of headings 3701 to 3704
(f) Paper impregnated with diagnostic or laboratory reagents (heading 3822);
(g) Paper-reinforced stratified of plastics, or one layer of paper or paperboard coated or covered with a layer of plastics, the latter consituting more than half the total thickness, or articles of such materials, other than wall coverings of heading 4814 (chaper 39);
(h) Articles of heading 4202 (for example, travel goods);
(ij) Articles of chaper 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 6805) or paper or paperboard-backed mica (heading 6814) (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 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, headings 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 heading 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 the expression "newsprint" means uncoated paper of a kind used for the printing of newspaper, 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 vey lightly sized, having a surface roughness parker print surf ( 1 Mpa ) on each side exceeding 2.5 micrometres (microns), weighing not less than 40 $\mathrm{g} / \mathrm{m}^{2}$ and not more than $65 \mathrm{~g} / \mathrm{m}^{2}$
5. For the purposes of heading 4802, 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" means paper and paperboard made mainly from bleached pulp or from pulp obtained $b$ a mechanical or chemi-mechanical process and satisfying any of the following criteria:

For paper or paperboard weighing not more than $150 \mathrm{~g} / \mathrm{m}^{2}$;
(a) Containing $10 \%$ or more of fibres obtained by a mechanical or chemimechanical process, and

1. Weighing not more than $85 \mathrm{~g} / \mathrm{m}^{2}$, or
2. Coloured throughout the mass; or
(b) Containing more than $8 \%$ ash, and
3. Weighing not more than $80 \mathrm{~g} / \mathrm{m}^{2}$, or
4. 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 $2.5 \mathrm{Kpa} . \mathrm{m}^{2} \mathrm{~g}$; or
(e) Containing $3 \%$ ash or less, having a brightness of $60 \%$ or more and a burst index equal to or less than $2.5 \mathrm{Kpa.m}{ }^{2 /} \mathrm{g}$ :

For paper or paperboard weighing more than $150 \mathrm{~g} / \mathrm{m}^{2}$ :
(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 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 $8 \%$.

Heading 4802 does not, however, cover filter paper or paperboard (including tea-bag paper) or felt paper of 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 4801 to 4811 are to be classified under that one of such headings which occurs last in numerical order in this schedule.
8. Headings 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 heading 4814, the expression "wall paper and similar wall coverings" applies only to :
(a) Paper in rolls, of 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 is 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 of paperboard, suitable for use both as floor coverings and as wall coverings, are to be classified in heading 4815
10. Heading 4820 does not cover loose sheets or cards, cut to size, whether or not printed, embossed or perforated.
11.Heading 4823 applies, inter alia, to perforated paper or paperboard cards for Jacquard or similar machines and paper lace.
12. Except for the goods of heading 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.

## Sub-Heading Notes :-

1. For the purposes of sub-headings 480411 and 480419, "Kraft-liner" 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 fibre obtained by the chemical sulphate or soda processes, in rolls, weighing more that $115 \mathrm{~g} / \mathrm{m}^{2}$ 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 $\mathrm{g} / \mathrm{m}^{2}$ | Minimum Mullen bursting <br> strength <br> Kpa |
| :--- | :--- |
| 115 | 393 |
| 125 | 417 |
| 200 | 637 |
| 300 | 824 |
| 400 | 961 |

2. For the purposes of sub-headings 480421 and 480429, "sack kraft paper" means machine-finished paper, of which note 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 $60 \mathrm{~g} / \mathrm{m}^{2}$ but not more than 115 $\mathrm{g} / \mathrm{m}^{2}$ and meeting one of the following sets of specifications :
(a) Having a Mullen burst index of not less than $3.7 \mathrm{kpa} \mathrm{m}^{2} / \mathrm{g}$ and a stretch factor of more than $4.5 \%$ in the cross direction and of more than $2 \%$ in the machine direction.
(b) Having minimum for tear and tensile as indicate in the following table or the linearly interpolated equivalent for any other weight :

| Weight g/m ${ }^{2}$ | Minimum tear mN |  | Minium tensile $\mathrm{kN} / \mathrm{m}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Machine | Machine | Cross direction | Machine |
|  | Direction | direction plus cross direction |  | 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 sub-heading 480511, "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 $/ \mathrm{g} / \mathrm{m}^{2}$ at $50 \%$ relative humidity, at $23^{\circ} \mathrm{C}$.
4. Sub-headings 480512 covers paper, in rolls, made mainly of straw pulp obtained by a semi-chemical process, weighing $130 \mathrm{~g} / \mathrm{m} 2$ or more, and having a CMT30 (corrugated medium test with 30 minutes of conditioning) crush resistance exceeding 1.4 newtons $/ \mathrm{g} / \mathrm{m}^{2}$ at $50 \%$ relative humidity, at $23^{\circ} \mathrm{C}$.
5. Sub-headings 480524 and 480525 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 nonrecovered pulp. These products have a Mullen burst index of not less than $2 \mathrm{kPa} . \mathrm{m}^{2} / \mathrm{g}$.
6. For the purposes of sub-heading 480530, "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 that $1.47 \mathrm{kpa} \mathrm{M}^{2} / \mathrm{g}$.
7. For the purposes of sub-heading 4810 22, "light-weight coated paper" means paper, coated on both sides, of total weight not exceeding $72 \mathrm{~g} / \mathrm{m}^{2}$, with a coating weight not exceeding $15 \mathrm{~g} / \mathrm{m}^{2}$ per side, on a base of which not less that $50 \%$ by weight of the total fibre content consists of wood fibres obtained by a mechanical process.





| 48026950 |  | Automatic data <br> processing machine <br> paper  | - | 30\% | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 48026960 48026990 | --- | Paper for security printing, currency paper, stamp paper Other | - | $30 \%$ $30 \%$ | - |
| 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 |  |  |  |
| 48030010 48030090 | --- | In commercial sizes rolls of width size 36 cm and above | - | $30 \%$ $30 \%$ | - |
| 48030090 4804 | --- | Other <br> Uncoated kraft paper and paperboard, in rolls or sheets, other than that of heading 4802 or 4803 <br> Kraftliner: | - | 30\% | - |
| 48041100 | -- | Unbleached | - | 30\% | - |
| 48041900 | -- | Other | - | 30\% | - |
| 48042100 | -- | Unbleached | - | 30\% | - |
| 48042900 | -- | Other <br> Other kraft paper and paperboard weighing $150 \mathrm{~g} / \mathrm{m}^{2}$ or less : | - | 30\% | - |
| 48043100 | -- | Unbleached | - | 30\% | - |
| 48043900 |  | Other <br> Other kraft paper and paperboard weighing | - | 30\% | - |





481013
48101310
48101320
48101330
48101390 481014

48101410
48101420
48101430
48101490
481019
48101910
48101920
48101930
48101990


Paper and paperboard of a kind used for writing, printing or other graphic purposes, not containing fibres obtained by a mechanical or chemimechanical process or of which not more than $10 \%$ by weight of the total fibre content consists of such fibres :
-- In rolls
--- Imitation art paper
--- Art paper
--- Chrome paper or paper board
--- Other
--- In sheets with one side not exceeding 435 mm and the other side not exceeding 297 mm in the unfolded state
--- Imitation art paper
--- Art paper
--- Chrome paper or paper board
--- Other
--- Other
--- Imitation art paper
--- Art paper
--- Chrome paper or paper board
--- Other Paper and paperboard of a kind used for writing, printing or other graphic purposes, of which more than 10\% by

481039
48103910
48103920
48103930
48103990
48109200
48109900
4811

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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 4803, }480
or }481
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- Tarred, bituminised or asphalted paper and paperboard
- Gummed or adhesive paper and paperboard
-- Self-adhesive
-- Other
- Paper and paperboard, coated, impregnated or covered with plastics (excluding adhesives) :
-- Bleached, weighing more than $150 \mathrm{~g} / \mathrm{m}^{2}$
-- Other
-- Paper and paperboard, coated, impregnated or covered with wax, paraffin wax, stearine, oil or glycerol
- Paper and paperboard, coated, impregnated or covered with wax, paraffin wax, stearin, oil or glycerol
--- Waxed paper (including waxed manifold paper)
--- Oiled paper (including oiled manifold or oiled wrapping paper)
--- Other
- Other paper, paperboard, cellulose wadding and webs of cellulose fibres




4816

48161000
481620 48162010

48162020
48162090
48163000
481690
48169010

48169020

48169090
4817

48171000
48172000

Carbon-paper, selfcopy paper and other copying or transfer papers (other than those of heading No:4809), duplicator stencils and offset plates, of paper, whether or not put up in boxes

- Carbon or similar copying papers
- Self-copy paper :
--- Duplicating paper, cut to size
--- Paper for FAX machine
--- Other
- Duplicator stencils
- Other:
--- Other copying or transfer papers (excluding printed transfer) cut to size whether or not put up in boxes
--- Calculating machine paper in rolls and strips not exceeding 15 cm in width
--- Other
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
- Envelopes
- Letter cards, plain postcards and correspondence cards




4820

482010

48201090
48202000
48203000

48204000

48205000

482090
48209010
Registers, account
books, note books,
order books, receipt
books, letter pads,
memorandum pads,
diaries and similar
articles, excise books,
blotting-pads, binders
(loose-leaf or other),
folders, file covers,
manifold business
forms, inter leaved
carbon sets and other
articles of stationery,
of paper or
paperboard; albums
for samples or for
collections and book
covers, of paper or
paperboard
- Registers,
books, note books,
order books, receipt
books, letter pads,
memorandum pads,
diaries and similar
articles
--- Registers, account books
--- Letter pads
--- Note paper, letter paper, foolscap paper, cut to size in separate sheets or not put up in boxes
--- Other

- Exercise books
- Binders (other than book covers), folders and file covers
- Manifold business forms and interleaved carbon sets
- Albums for samples or for collections
- Other:
--- Blotting paper cut to



| 48236000 482370 |  | Trays, dishes, plates, cups and the like, of paper and paperboard Moulded or pressed article of paper pulp : | - | 30\% | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 48237010 | --- | Paper pulp moulded trays | - | 30\% | - |
| 48237020 | --- | Wood pulp board | - | 30\% | - |
| 48237030 |  | Articles made of paper mache other than artware and moulded or pressed goods of wood pulp | - | 30\% | - |
| 48237090 | - | Other <br> Other : <br> Braille paper, cellulose in sole board or sheet, packing and wrapping paper, paper for cigarette filter tips, paper cone for loud speaker, patterns made of papers for leather footwear, leather garments and goods, Patterns made of paper for articles of apparel and clothing accessories, products consisting of sheets of paper or paper board, impregnated, coated or covered with plastics (including thermoset resins or mixtures thereof or chemical formulations, containing melamine phenol or urea formaldehyde with or without curing agents or catalysts), compressed together in one or more operations and decorative laminates: | - | 30\% | - |
| 48239011 | ---- | Braille paper | - | 30\% | - |
| 48239012 | ---- | Cellulose in sole board | - | 30\% | - |



| 48239024 | ---- | Plain or embossed seals <br> made of paper, <br> laminated paper or <br> paper gaskets | - | $30 \%$ | - |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 48239029 | ---- |  |  |  |  |
| 48239090 | --- | - | $30 \%$ | - |  |
| Other | Other | - | $30 \%$ | - |  |

