

## Section VII - Chapter 40

### Rubber and Articles Thereof

#### Notes

1. Except where the context otherwise requires, throughout the export schedule the expression "rubber" means the following products, whether or not vulcanized or hard: natural rubber, balata, gutta-percha, guayule, chicle and similar natural gums, synthetic rubber, factice derived from oils, and such substances reclaimed.
2. This chapter does not cover:
  - (a). Goods of section XI (textiles and textile articles);
  - (b). Footwear or parts thereof of chapter 64;
  - (c). Headgear of parts thereof (including bathing caps) of chapter 65;
  - (d). Mechanical or electrical appliances or parts thereof of section XVI (including electrical goods of all kinds), of hard rubber;
  - (e). Articles of chapters 90, 92, 94 or 96; or
  - (f). Articles of chapter 95 (other than sports gloves, mittens and mitts and articles of headings 4011 to 4013).
3. In headings 4001 to 4003 and 4005 the expression "primary forms" applies only to the following forms:
  - (a). Liquids and pastes (including latex, whether or not prevulcanized, and other dispersions and solutions);
  - (b). Blocks of irregular shape, lumps, bales, powders, granules, crumbs and similar bulk forms.
4. In note 1 to this chapter and in heading 4002, the expression "synthetic rubber" applies to:
  - (a). Unsaturated synthetic substances which can be irreversibly transformed by vulcanization with sulfur into non-thermoplastic substances which, at a temperature between 18 degrees C and 29 degrees C, will not break on being extended to three times their original length and will return, after being extended to twice their original length, within a period of five minutes, to a length not greater than one and a half times their original length. For the purposes of this test, substances necessary for the cross-linking, such as vulcanizing activators or accelerators, may be added; the presence of substances as provided for by note 5 (b) (ii) and (iii) is also permitted. However, the presence of any substances not necessary for the cross-linking, such as extenders, plasticizers and fillers, is not permitted;
  - (b). Thioplasts (TM); and

- (c). Natural rubber modified by grafting or mixing with plastics, depolymerized natural rubber, mixtures of unsaturated synthetic substances with saturated synthetic high polymers provided that all the above-mentioned products comply with the requirements concerning vulcanization, elongation and recovery in (a) above.
5. As follows:
- (a). Headings 4001 and 4002 do not apply to any rubber or mixture of rubbers which has been compounded, before or after coagulation, with:
    - (i). Vulcanizing agents, accelerators, retarders or activators (other than those added for the preparation of pre-vulcanized rubber latex);
    - (ii). Pigments or other coloring matter other than those added solely for the purpose of identification;
    - (iii). Plasticizers or extenders (except mineral oil in the case of oil-extended rubber), fillers, reinforcing agents, organic solvents or any other substances, except those permitted under (b);
  - (b). The presence of the following substances in any rubber or mixture of rubbers shall not affect its classification in heading 4001 or 4002 as the case may be, provided that such rubber or mixture of rubbers retains its essential character as a raw material:
    - (i). emulsifiers or antitack agents;
    - (ii). small amounts of breakdown products of emulsifiers;
    - (iii). very small amounts of the following: heat-sensitive agents (generally for latexes), cationic surface-active agents (generally for obtaining electro-positive rubber latexes), agents, peptizers, preservatives, stabilizers, viscosity-control agents, or similar special-purpose additives.
6. For the purposes of heading 4004 the expression "waste, parings and scrap" means rubber waste, parings and scrap from the manufacture or working of rubber and rubber goods definitely not usable as such because of cutting-up, wear or other reasons.
7. Thread wholly of vulcanized rubber, of which any cross-sectional dimension exceeds 5 mm (0.2 in.), is to be classified as strip, rods or profile shapes, of heading 4008.
8. Heading 4010 includes conveyor or transmission belts or belting of textile fabric impregnated, coated, covered or laminated with rubber or made from textile yarn or cord impregnated, coated, covered or sheathed with rubber.
9. In headings 4001, 4002, 4003, 4005, and 4008, the expressions "plates", "sheets" and "strip" apply only to plates, sheets, strip and to blocks of regular geometric shape, uncut or simply cut to rectangular (including square) shape, whether or not having the character of articles and whether or not printed or otherwise surface-worked, but not otherwise cut to shape or further worked.

In heading 4008, the expressions "rods" and "profile shapes" apply only to such products, whether or not cut to length or surface-worked but not otherwise worked.

| Schedule B No.<br>and Headings | Commodity Description   | Unit of<br>Quantity | Second<br>Quantity |
|--------------------------------|---|---------------------|--------------------|
| 40                             | Rubber and Articles Thereof   |                     |                    |
| 4001                           | - Natural rubber, balata, gutta-percha, guayule, chicle and similar natural gums, in primary forms or in plates, sheets or strip:   |                     |                    |
| 4001.10.0000                   | - - Natural rubber latex, whether or not pre-vulcanized<br>- - - * kilograms dry rubber content   | kg*                 |                    |
|                                | - - Natural rubber in other forms:  |                     |                    |
| 4001.21.0000                   | - - - Smoked sheets   | kg                  |                    |
| 4001.22.0000                   | - - - Technically specified natural rubber (TSNR)   | kg                  |                    |
| 4001.29.0000                   | - - - Other   | kg                  |                    |
| 4001.30.0000                   | - - Balata, gutta-percha, guayule, chicle and similar natural gums  | kg                  |                    |
| 4002                           | - Synthetic rubber and factice derived from oils, in primary forms or in plates, sheets or strip; mixtures of any product of heading 4001 with any product of this heading, in primary forms or in plates, sheets or strip: |                     |                    |
|                                | - - Styrene-butadiene rubber (SBR); carboxylated styrene- butadiene rubber (XSBR):  |                     |                    |
| 4002.11.0000                   | - - - Latex   | kg                  |                    |
| 4002.19                        | - - - Other:  |                     |                    |
| 4002.19.1400                   | - - - - Styrene-butadiene-styrene block copolymers produced by solution polymerization (SBS, thermoplastic elastomers), in granules, crumbs or powders  | kg                  |                    |
| 4002.19.1600                   | - - - - Styrene-butadiene rubber produced by solution polymerization (S-SBR), in bales  | kg                  |                    |
| 4002.19.9000                   | - - - - Other   | kg                  |                    |
| 4002.20.0000                   | - - Butadiene rubber (BR)<br>- - Isobutene-isoprene (butyl) rubber (IIR); halo-isobutene- isoprene rubber (CIIR or BIIR):   | kg                  |                    |
| 4002.31.0000                   | - - - Isobutene-isoprene (butyl) rubber (IIR)   | kg                  |                    |
| 4002.39.0000                   | - - - Other   | kg                  |                    |
|                                | - - Chloroprene (chlorobutadiene) rubber (CR):  |                     |                    |
| 4002.41.0000                   | - - - Latex   | kg                  |                    |
| 4002.49.0000                   | - - - Other   | kg                  |                    |
|                                | - - Acrylonitrile-butadiene rubber (NBR):   |                     |                    |
| 4002.51.0000                   | - - - Latex   | kg                  |                    |
| 4002.59.0000                   | - - - Other   | kg                  |                    |
| 4002.60.0000                   | - - Isoprene rubber (IR)  | kg                  |                    |
| 4002.70.0000                   | - - Ethylene-propylene-nonconjugated diene rubber (EPDM)  | kg                  |                    |
| 4002.80.0000                   | - - Mixtures of any product of heading 4001 with any product of this heading<br>- - Other:  | kg                  |                    |
| 4002.91.0000                   | - - - Latex   | kg                  |                    |
| 4002.99.0000                   | - - - Other   | kg                  |                    |
| 4003.00.0000                   | - Reclaimed rubber in primary forms or in plates, sheets or strip   | kg                  |                    |
| 4004.00.0000                   | - Waste, parings and scrap of rubber (other than hard rubber) and powders and granules obtained therefrom   | kg                  |                    |

| Schedule B No.<br>and Headings | Commodity Description   | Unit of<br>Quantity | Second<br>Quantity |
|--------------------------------|---|---------------------|--------------------|
| 4005                           | - Compounded rubber, unvulcanized, in primary forms or in plates, sheets or strip:  |                     |                    |
| 4005.10.0000                   | -- Compounded with carbon black or silica   | kg                  |                    |
| 4005.20.0000                   | -- Solutions; dispersions other than those of subheading 4005.10  | kg                  |                    |
|                                | -- Other:   |                     |                    |
| 4005.91.0000                   | --- Plates, sheets and strip  | kg                  |                    |
| 4005.99.0000                   | --- Other   | kg                  |                    |
| 4006                           | - Other forms (for example, rods, tubes and profile shapes) and articles (for example, discs and rings), of unvulcanized rubber:              |                     |                    |
| 4006.10.0000                   | -- "Camel-back" strips for retreading rubber tires  | kg                  |                    |
| 4006.90.0000                   | -- Other  | kg                  |                    |
| 4007.00.0000                   | - Vulcanized rubber thread and cord   | kg                  |                    |
| 4008                           | - Plates, sheets, strip, rods and profile shapes of vulcanized rubber other than hard rubber:   |                     |                    |
|                                | -- Of cellular rubber:  |                     |                    |
| 4008.11.0000                   | --- Plates, sheets and strip  | kg                  |                    |
| 4008.19.0000                   | --- Other   | kg                  |                    |
|                                | -- Of noncellular rubber:   |                     |                    |
| 4008.21.0000                   | --- Plates, sheets and strip  | kg                  |                    |
| 4008.29.0000                   | --- Other   | kg                  |                    |
| 4009                           | - Tubes, pipes and hoses, of vulcanized rubber other than hard rubber, with or without their fittings (for example, joints, elbows, flanges): |                     |                    |
|                                | -- Not reinforced or otherwise combined with other materials:   |                     |                    |
| 4009.11.0000                   | --- Without fittings  | kg                  |                    |
| 4009.12                        | --- With fittings:  |                     |                    |
| 4009.12.0020                   | ---- Brake hoses for the vehicles of subheading 8701.20 or headings 8702, 8703, 8704, 8705, or 8711   | kg                  |                    |
| 4009.12.0050                   | ---- Other  | kg                  |                    |
|                                | -- Reinforced or otherwise combined only with metal:  |                     |                    |
| 4009.21.0000                   | --- Without fittings  | kg                  |                    |
| 4009.22                        | --- With fittings:  |                     |                    |
| 4009.22.0020                   | ---- Brake hoses for the vehicles of subheading 8701.20 or headings 8702, 8703, 8704, 8705, or 8711   | kg                  |                    |
| 4009.22.0050                   | ---- Other  | kg                  |                    |
|                                | -- Reinforced or otherwise combined only with textile materials:  |                     |                    |
| 4009.31.0000                   | --- Without fittings  | kg                  |                    |
| 4009.32                        | --- With fittings:  |                     |                    |
| 4009.32.0020                   | ---- Brake hoses for the vehicles of subheading 8701.20 or headings 8702, 8703, 8704, 8705, or 8711   | kg                  |                    |
| 4009.32.0050                   | ---- Other  | kg                  |                    |
|                                | -- Reinforced or otherwise combined with other materials:   |                     |                    |
| 4009.41.0000                   | --- Without fittings  | kg                  |                    |
| 4009.42                        | --- With fittings:  |                     |                    |

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|--------------------------------|---|---------------------|--------------------|
| 4009.42.0020                   | ---- Brake hoses for the vehicles of subheading 8701.20 or headings 8702, 8703, 8704, 8705, or 8711   | kg                  |                    |
| 4009.42.0050                   | ---- Other  | kg                  |                    |
| 4010                           | - Conveyor or transmission belts or belting of vulcanized rubber:   |                     |                    |
|                                | -- Conveyor belts or belting:   |                     |                    |
| 4010.11.0000                   | --- Reinforced only with metal  | kg                  |                    |
| 4010.12.0000                   | --- Reinforced only with textile materials  | kg                  |                    |
| 4010.19.0100                   | --- Other   | kg                  |                    |
|                                | -- Transmission belts or belting:   |                     |                    |
| 4010.31.0000                   | --- Endless transmission belts of trapezoidal cross-section (V-belts), V-ribbed, of an outside circumference exceeding 60 cm but not exceeding 180 cm             | kg                  |                    |
| 4010.32.0000                   | --- Endless transmission belts of trapezoidal cross-section (V-belts), other than V-ribbed, of an outside circumference exceeding 60 cm but not exceeding 180 cm  | kg                  |                    |
| 4010.33.0000                   | --- Endless transmission belts of trapezoidal cross-section (V-belts), V-ribbed, of an outside circumference exceeding 180 cm but not exceeding 240 cm            | kg                  |                    |
| 4010.34.0000                   | --- Endless transmission belts of trapezoidal cross-section (V-belts), other than V-ribbed, of an outside circumference exceeding 180 cm but not exceeding 240 cm | kg                  |                    |
| 4010.35.0000                   | --- Endless synchronous belts, of an outside circumference exceeding 60 cm but not exceeding 150 cm   | kg                  |                    |
| 4010.36.0000                   | --- Endless synchronous belts, of an outside circumference exceeding 150 cm but not exceeding 198 cm  | kg                  |                    |
| 4010.39.0000                   | --- Other   | kg                  |                    |
| 4011                           | - New pneumatic tires, of rubber:   |                     |                    |
| 4011.10                        | -- Of a kind used on motor cars (including station wagons and racing cars):   |                     |                    |
| 4011.10.1000                   | --- Radial  | No.                 |                    |
| 4011.10.5000                   | --- Other   | No.                 |                    |
| 4011.20                        | -- Of a kind used on buses or trucks:   |                     |                    |
|                                | --- Radial:   |                     |                    |
|                                | ---- On-the-highway:  |                     |                    |
| 4011.20.1005                   | ----- Light truck   | No.                 |                    |
| 4011.20.1015                   | ----- Other   | No.                 |                    |
|                                | ---- Off-the-highway:   |                     |                    |
| 4011.20.1025                   | ----- For use on a rim measuring 40.6 cm or more in diameter  | No.                 |                    |
| 4011.20.1035                   | ----- Other   | No.                 |                    |
|                                | --- Other:  |                     |                    |
|                                | ---- On-the-highway:  |                     |                    |
| 4011.20.5010                   | ----- Light truck   | No.                 |                    |
| 4011.20.5020                   | ----- Other   | No.                 |                    |
|                                | ---- Off-the-highway:   |                     |                    |
| 4011.20.5030                   | ----- For use on a rim measuring 40.6 cm or more in diameter  | No.                 |                    |

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|--------------------------------|---|---------------------|--------------------|
| 4011.20.5050                   | ----- Other   | No.                 |                    |
| 4011.30.0000                   | -- Of a kind used on aircraft   | No.                 |                    |
| 4011.40.0000                   | -- Of a kind used on motorcycles  | No.                 |                    |
| 4011.50.0000                   | -- Of a kind used on bicycles   | No.                 |                    |
| 4011.70                        | -- Of a kind used on agricultural or forestry vehicles and machines:  |                     |                    |
| 4011.70.0010                   | --- Having a "herring-bone" or similar tread  | No.                 |                    |
| 4011.70.0050                   | --- Other   | No.                 |                    |
| 4011.80                        | -- Of a kind used on construction, mining or industrial handling<br>vehicles and machines:                        |                     |                    |
|                                | --- Having a "herring-bone" or similar tread:   |                     |                    |
| 4011.80.1010                   | ---- Having a rim size not exceeding 61 cm  | No.                 |                    |
| 4011.80.1020                   | ---- Having a rim size exceeding 61 cm  | No.                 |                    |
|                                | --- Other:  |                     |                    |
|                                | ---- Radial:  |                     |                    |
| 4011.80.2010                   | ----- Having a rim size not exceeding 61 cm   | No.                 |                    |
| 4011.80.2020                   | ----- Having a rim size exceeding 61 cm   | No.                 |                    |
|                                | ---- Other:   |                     |                    |
| 4011.80.8010                   | ----- Having a rim size not exceeding 61 cm   | No.                 |                    |
| 4011.80.8020                   | ----- Having a rim size exceeding 61 cm   | No.                 |                    |
| 4011.90                        | -- Other:   |                     |                    |
| 4011.90.1000                   | --- Having a "herring-bone" or similar tread  | No.                 |                    |
|                                | --- Other:  |                     |                    |
| 4011.90.2000                   | ---- Radial   | No.                 |                    |
| 4011.90.8000                   | ---- Other  | No.                 |                    |
| 4012                           | - Retreaded or used pneumatic tires, of rubber; solid or cushion tires,<br>tire treads and tire flaps, of rubber: |                     |                    |
|                                | -- Retreaded tires:   |                     |                    |
| 4012.11.0000                   | --- Of a kind used on motor cars (including station wagons and<br>racing cars)                                    | No.                 |                    |
| 4012.12.0000                   | --- Of a kind used on buses or trucks   | No.                 |                    |
| 4012.13.0000                   | --- Of a kind used on aircraft  | No.                 |                    |
| 4012.19.0000                   | --- Other   | No.                 |                    |
| 4012.20.0000                   | -- Used pneumatic tires   | No.                 |                    |
| 4012.90.1000                   | -- Solid or cushion tires   | No.                 |                    |
| 4012.90.6000                   | -- Other  | kg                  |                    |
| 4013                           | - Inner tubes, of rubber:   |                     |                    |
| 4013.10                        | -- Of a kind used on motor cars (including station wagons and racing<br>cars), buses or trucks:                   |                     |                    |
| 4013.10.0010                   | --- Motor car   | No.                 |                    |
| 4013.10.0020                   | --- Truck and bus   | No.                 |                    |
| 4013.20.0000                   | -- Of a kind used on bicycles   | No.                 |                    |
| 4013.90.0000                   | -- Other  | No.                 |                    |

| Schedule B No.<br>and Headings | Commodity Description   | Unit of<br>Quantity | Second<br>Quantity |
|--------------------------------|---|---------------------|--------------------|
| 4014                           | - Hygienic or pharmaceutical articles (including nursing nipples), of vulcanized rubber, other than hard rubber, with or without fittings of hard rubber: |                     |                    |
| 4014.10.0000                   | - - Sheath contraceptives   | gross               |                    |
| 4014.90                        | - - Other:  |                     |                    |
| 4014.90.1000                   | - - - Nursing nipples   | gross               |                    |
| 4014.90.5000                   | - - - Other   | No.                 |                    |
| 4015                           | - Articles of apparel and clothing accessories (including gloves, mittens or mitts), for all purposes, of vulcanized rubber other than hard rubber:       |                     |                    |
|                                | - - Gloves, mittens and mitts:  |                     |                    |
| 4015.12                        | - - - Of a kind used for medical, surgical, dental or veterinary purposes:  |                     |                    |
| 4015.12.1000                   | - - - - Of a kind used for medical or surgical purposes   | Dz prs.             |                    |
| 4015.12.9000                   | - - - - Other   | Dz prs.             |                    |
| 4015.19.0100                   | - - - Other   | Dz prs.             |                    |
| 4015.90.0000                   | - - Other   | kg                  |                    |
| 4016                           | - Other articles of vulcanized rubber other than hard rubber:   |                     |                    |
| 4016.10.0000                   | - - Of cellular rubber  | kg                  |                    |
|                                | - - Other:  |                     |                    |
| 4016.91.0000                   | - - - Floor coverings and mats  | kg                  |                    |
| 4016.92.0000                   | - - - Erasers   | kg                  |                    |
| 4016.93.0000                   | - - - Gaskets, washers and other seals  | kg                  |                    |
| 4016.94.0000                   | - - - Boat or dock fenders, whether or not inflatable   | kg                  |                    |
| 4016.95.0000                   | - - - Other inflatable articles   | kg                  |                    |
| 4016.99                        | - - - Other:  |                     |                    |
| 4016.99.0500                   | - - - - Household articles not elsewhere specified or included  | kg                  |                    |
| 4016.99.5010                   | - - - - Mechanical articles for motor vehicles  | kg                  |                    |
| 4016.99.6000                   | - - - - Other   | kg                  |                    |
| 4017.00.0000                   | - Hard rubber (for example, ebonite) in all forms, including waste and scrap; articles of hard rubber   | kg                  |                    |