

## Section XIII – Chapter 70

### Glass and Glassware

#### Notes

1. This chapter does not cover:
  - (a). Goods of heading 3207 (for example, vitrifiable enamels and glazes, glass frit, other glass in the form of powder, granules or flakes);
  - (b). Articles of chapter 71 (for example, imitation jewelry);
  - (c). Optical fiber cables of heading 8544, electrical insulators (heading 8546) or fittings of insulating material of heading 8547;
  - (d). Optical fibers, optically worked optical elements, hypodermic syringes, artificial eyes, thermometers, barometers, hydrometers or other articles of chapter 90;
  - (e). Lamps or lighting fittings, illuminated signs, illuminated name-plates or the like, having a permanently fixed light source, or parts thereof of heading 9405;
  - (f). Toys, games, sports equipment, Christmas tree ornaments or other articles of chapter 95 (excluding glass eyes without mechanisms for dolls or for other articles of chapter 95); or
  - (g). Buttons, fitted vacuum flasks, scent or similar sprays or other articles of chapter 96.
2. For the purposes of headings 7003, 7004 and 7005:
  - (a). Glass is not regarded as "worked" by reason of any process it has undergone before annealing;
  - (b). Cutting to shape does not affect the classification of glass in sheets;
  - (c). The expression "absorbent, reflecting or non-reflecting layer" means a microscopically thin coating of metal or of a chemical compound (for example, metal oxide) which absorbs, for example, infrared light; or improves the reflecting qualities of the glass while still allowing it to retain a degree of transparency or translucency; or which prevents light from being reflected on the surface of the glass.
3. The products referred to in heading 7006 remain classified in that heading whether or not they have the character of articles.
4. For the purposes of heading 7019, the expression "glass wool" means:
  - (a). Mineral wools with a silica (SiO<sub>2</sub>) content not less than 60 percent by weight;

## Section XIII – Chapter 70

- (b). Mineral wools with a silica ( $\text{SiO}_2$ ) content less than 60 percent but with an alkaline oxide ( $\text{K}_2\text{O}$  or  $\text{Na}_2\text{O}$ ) content exceeding 5 percent by weight or a boric oxide ( $\text{B}_2\text{O}_3$ ) content exceeding 2 percent by weight.

Mineral wools which do not comply with the above specifications fall in heading 6806.

5. Throughout the Schedule B, the expression "glass" includes fused quartz and other fused silica.

### Subheading Note

1. For the purposes of subheadings 7013.21, 7013.31 and 7013.91, the expression "lead crystal" means only glass having a minimum lead monoxide ( $\text{PbO}$ ) content by weight of 24 percent.

### Statistical Notes

1. For the purposes of this chapter the term "fused quartz or other fused silica" means glass containing more than 95 percent silica by weight.
2. For the purposes of headings 7003 through 7005, the expression "colored throughout the mass" refers to glass that has a transmittance of normally incident light of less than 66 percent at one or more wavelengths from 400 to 700 millimicrons, inclusive, or a transmittance of less than 80 percent at one or more wavelengths from 525 to 575 millimicrons, inclusive, for glass 6.35 mm (0.25 inch) in thickness, or of the equivalent transmittances for any other thickness, provided that, in determining such light transmittances, the effect of surface irregularities or configurations, or of other surface treatment (except flashing applied prior to solidification), and the effect of wire netting within the glass, shall be eliminated.
3. For the purposes of heading 7005, the expression "polished", as used with reference to glass, refers to glass one or both of the surfaces of which have been made smooth and glossy, in whole or in part, by abrasive or chemical means, or by floating the glass over molten metal.
4. For the purposes of subheading 7018.10, the term "imitation precious or semiprecious stones" means glass made into shapes suitable for use in jewelry or for other ornamental purposes in a manner similar to natural gemstones, whether or not in imitation thereof, but does not include natural gemstones, synthetic gemstones, reconstructed natural gemstones or imitation pearls.
5. For the purposes of headings 7003 and 7004, in determining the surface area of cast or rolled glass having irregular surfaces (such as corrugated glass), superficial area shall be used.

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7001.00.0000	Cullet and other waste and scrap of glass; glass in the mass .....	kg
7002	Glass in balls (other than microspheres of heading 7018), rods or tubes, unworked:	
7002.10.0000	Balls .....	kg
7002.20.0000	Rods .....	kg
	Tubes:	
7002.31.0000	Of fused quartz or other fused silica .....	kg
7002.32.0000	Of other glass having a linear coefficient of expansion not exceeding $5 \times 10^{-6}$ per Kelvin within a temperature range of 0 degrees C to 300 degrees C .....	kg
7002.39	Other:	
7002.39.0010	Unworked glass tubes not exceeding 200 mm (7.874 inches) in length .....	No.
7002.39.0090	Other .....	kg
7003	Cast glass and rolled glass, in sheets or profiles, whether or not having an absorbent, reflecting or nonreflecting layer, but not otherwise worked:	
	Nonwired sheets:	
7003.12.0000	Colored throughout the mass (body tinted), opacified, flashed or having an absorbent, reflecting or nonreflecting layer .....	m <sup>2</sup>
7003.19.0000	Other .....	m <sup>2</sup>
7003.20.0000	Wired sheets .....	m <sup>2</sup>
7003.30.0000	Profiles .....	m <sup>2</sup>

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7004	Drawn glass and blown glass, in sheets, whether or not having an absorbent, reflecting or nonreflecting layer, but not otherwise worked:	
7004.20.0000	Glass, colored throughout the mass (body tinted), opacified, flashed or having an absorbent, reflecting or nonreflecting layer .....	m <sup>2</sup>
7004.90.0000	Other glass .....	m <sup>2</sup>
7005	Float glass and surface ground or polished glass, in sheets, whether or not having an absorbent, reflecting or nonreflecting layer, but not otherwise worked:	
7005.10.0000	Nonwired glass, having an absorbent, reflecting or nonreflecting layer .....	m <sup>2</sup>
	Other nonwired glass:	
7005.21.0000	Colored throughout the mass (body tinted), opacified, flashed or merely surface ground .....	m <sup>2</sup>
7005.29.0000	Other .....	m <sup>2</sup>
7005.30.0000	Wired glass .....	m <sup>2</sup>
7006.00.0000	Glass of heading 7003, 7004 or 7005, bent, edge-worked, engraved, drilled, enameled or otherwise worked, but not framed or fitted with other materials .....	m <sup>2</sup>
7007	Safety glass, consisting of toughened (tempered) or laminated glass:	
	Toughened (tempered) safety glass:	
7007.11.0000	Of size and shape suitable for incorporation in vehicles, aircraft, spacecraft or vessels .....	m <sup>2</sup>
7007.19.0000	Other .....	m <sup>2</sup>

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7007 (con.)	Safety glass, consisting of toughened (tempered) or laminated glass (con.):	
	Laminated safety glass:	
7007.21	Of size and shape suitable for incorporation in vehicles, aircraft, spacecraft or vessels:	
7007.21.1000	Windshields .....	m <sup>2</sup>
7007.21.5000	Other .....	m <sup>2</sup>
7007.29.0000	Other .....	X
7008.00.0000	Multiple-walled insulating units of glass .....	No.
7009	Glass mirrors, whether or not framed, including rearview mirrors:	
7009.10.0000	Rearview mirrors for vehicles .....	No.
	Other:	
7009.91.0000	Unframed .....	cm <sup>2</sup>
7009.92.0000	Framed .....	cm <sup>2</sup>
7010	Carboys, bottles, flasks, jars, pots, vials, ampoules and other containers, of glass, of a kind used for the conveyance or packing of goods; preserving jars of glass; stoppers, lids and other closures, of glass:	
7010.10.0000	Ampoules .....	Gross
7010.20.2050	Stoppers, lids and other closures .....	Gross

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7010 (con.)	Carboys, bottles, flasks, jars, pots, vials, ampoules and other containers, of glass, of a kind used for the etc. – (con.):	
7010.90	Other: Serum bottles, vials and other pharmaceutical containers:	
7010.90.0510	Of a capacity exceeding 1 liter .....	Gross
7010.90.0520	Of a capacity exceeding 0.33 liter but not exceeding 1 liter .....	Gross
7010.90.0530	Of a capacity exceeding 0.15 liter but not exceeding 0.33 liter .....	Gross
7010.90.0540	Of a capacity not exceeding 0.15 liter .....	Gross
	Containers (with or without their closures) of a kind used for the conveyance or packing of perfume or other toilet preparations; other containers if fitted with or designed for use with ground glass stoppers:	
	Produced by automatic machine:	
7010.90.2010	Of a capacity exceeding 1 liter .....	Gross
7010.90.2020	Of a capacity exceeding 0.33 liter but not exceeding 1 liter .....	Gross
7010.90.2030	Of a capacity exceeding 0.15 liter but not exceeding 0.33 liter .....	Gross
7010.90.2040	Of a capacity not exceeding 0.15 liter .....	Gross
	Other:	
7010.90.3010	Of a capacity exceeding 1 liter .....	Gross
7010.90.3020	Of a capacity exceeding 0.33 liter but not exceeding 1 liter .....	Gross
7010.90.3030	Of a capacity exceeding 0.15 liter but not exceeding 0.33 liter .....	Gross
7010.90.3040	Of a capacity not exceeding 0.15 liter .....	Gross

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7010 (con.)	Carboys, bottles, flasks, jars, pots, vials, ampoules and other containers, of glass, of a kind used for the etc. – (con.):	
7010.90 (con.)	Other (con.):	
	Other containers (with or without their closures):	
	Of a capacity exceeding 1 liter:	
7010.90.5005	Having a mouth with an outer diameter of 38 mm or more .....	Gross
7010.90.5009	Other .....	Gross
	Of a capacity exceeding 0.33 liter but not exceeding 1 liter:	
7010.90.5027	Having a mouth with an outer diameter of 38 mm or more .....	Gross
7010.90.5037	Other .....	Gross
	Of a capacity exceeding 0.15 liter but not exceeding 0.33 liter:	
7010.90.5047	Having a mouth with an outer diameter of 38 mm or more .....	Gross
7010.90.5057	Other .....	Gross
7010.90.5060	Of a capacity not exceeding 0.15 liter .....	Gross
7011	Glass envelopes (including bulbs and tubes), open, and glass parts thereof, without fittings, for electric lamps, cathode-ray tubes or the like:	
7011.10.0000	For electric lighting .....	Thsnds
7011.20.0000	For cathode-ray tubes .....	Hundr
7011.90.0000	Other .....	X

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7013	Glassware of a kind used for table, kitchen, toilet, office, indoor decoration or similar purposes (other than that of heading 7010 or 7018):	
7013.10.0000	Of glass-ceramics .....	No.
	Stemware drinking glasses other than of glass-ceramics:	
7013.22.0000	Of lead crystal .....	No.
7013.28.0000	Other .....	No.
	Other drinking glasses, other than of glass-ceramics:	
7013.33.0000	Of lead crystal .....	No.
7013.37.0000	Other .....	No.
	Glassware of a kind used for table (other than drinking glasses) or kitchen purposes other than of glass-ceramics:	
7013.41.0000	Of lead crystal .....	No.
7013.42.0000	Of glass having a linear coefficient of expansion not exceeding $5 \times 10^{-6}$ per Kelvin within a temperature range of 0 degrees C to 300 degrees C .....	No.
7013.49.0000	Other .....	No.
	Other glassware:	
7013.91.0000	Of lead crystal .....	No.
7013.99.0000	Other .....	No.
7014	Signaling glassware and optical elements of glass (other than those of heading 7015), not optically worked:	
	Optical elements:	
7014.00.1000	Lens blanks (other than for spectacles) .....	No.
7014.00.2000	Other .....	No.



Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7014 (con.)	Signaling glassware and optical elements of glass (other than those of heading 7015), not optically worked – (con.):	
	Other:	
7014.00.3000	Lenses and filters, and parts thereof .....	X
7014.00.5000	Other .....	X
7015	Clock or watch glasses and similar glasses; glasses for noncorrective or corrective spectacles, curved, bent, hollowed or the like, not optically worked; hollow glass spheres and their segments for the manufacture of such glasses:	
7015.10.0000	Glasses for corrective spectacles .....	No.
7015.90.0000	Other .....	X
7016	Paving blocks, slabs, bricks, squares, tiles and other articles of pressed or molded glass, whether or not wired, of a kind used for building or construction purposes; glass cubes and other glass smallwares, (rectangles, fragments, or chippings) whether or not on a backing, for mosaics or similar decorative purposes; leaded glass windows and the like; multicellular or foam glass in blocks, panels, plates, shells or similar forms:	
7016.10.0000	Glass cubes and other glass smallwares whether or not on a backing, for mosaics or similar decorative purposes .....	X
7016.90.0000	Other .....	X
7017	Laboratory, hygienic or pharmaceutical glassware, whether or not graduated or calibrated:	
7017.10.0000	Of fused quartz or other fused silica .....	X
7017.20.0000	Of other glass having a linear coefficient of expansion not exceeding $5 \times 10^{-6}$ per Kelvin within a temperature range of 0 degrees C to 300 degrees C .....	X
7017.90	Other:	
7017.90.1000②	Microscope slides and micro cover glasses .....	X
7017.90.5000②	Other .....	X

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Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7018	Glass beads, imitation pearls, imitation precious or semiprecious stones and similar glass smallwares, and articles thereof other than imitation jewelry; glass eyes other than prosthetic articles; statuettes and other ornaments of lamp-worked glass, other than imitation jewelry; glass microspheres not exceeding 1 mm (.039 inch) in diameter:	
7018.10.0000	Glass beads, imitation pearls, imitation precious or semiprecious stones and similar glass smallwares .....	X
7018.20.0000	Glass microspheres not exceeding 1 mm (.039 inch) in diameter .....	kg
7018.90.0000	Other .....	X
7019	Glass fibers (including glass wool) and articles thereof (for example, yarn, woven fabrics):	
	Slivers, rovings, yarn, and chopped strands:	
7019.11.0000	Chopped strands, of a length of not more than 50 mm .....	kg
7019.12	Rovings:	
7019.12.0040	Rovings of a kind used in industry as packing or lubricating materials .....	kg
7019.12.0080	Other .....	kg
7019.19	Other:	
7019.19.1000	Yarn, not colored of a kind used in industry as packing or lubricating materials .....	kg
7019.19.2000	Other yarn .....	kg
7019.19.3000	Other chopped strands .....	kg
7019.19.4000	Other .....	kg

Section XIII – Chapter 70

Schedule B No. and Headings	Commodity Description	Unit of Quantity
7019 (con.)	Glass fibers (including glass wool) and articles thereof (for example, yarn, woven fabrics) – (con.):	
	Thin sheets (voiles) webs, mats, mattresses, boards and similar nonwoven products:	
7019.31.0000	Mats .....	kg
7019.32.0000	Thin sheets (voiles) .....	kg
7019.39	Other:	
7019.39.1000	Insulation products .....	X
7019.39.5000	Other .....	X
7019.40.0000	Woven fabrics of rovings .....	m <sup>2</sup>
		kg
7019.51.0000	Other woven fabrics of a width not exceeding 30 cm .....	m <sup>2</sup>
		kg
7019.52.0000	Other woven fabrics, of a width exceeding 30 cm, plain weave, weighing less than 250 g/m <sup>2</sup> , of filaments measuring per single yarn not more than 136 tex .....	m <sup>2</sup>
		kg
7019.59.0000	Other woven fabrics, n.e.s.o.i. ....	m <sup>2</sup>
		kg
7019.90	Other:	
7019.90.1000	Woven .....	X
	Other:	
7019.90.5020	Glass fibers in bulk .....	X
7019.90.5040	Glass fiber filters (nonwoven) .....	X
7019.90.5050	Other .....	X
7020	Other articles of glass:	
7020.00.4000	Glass inners for vacuum flasks or for other vacuum vessels .....	No.①
7020.00.9000	Other .....	X

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