

## 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). Front windscreens (windshields), rear windows and other windows, framed, for vehicles of chapters 86 to 88;
  - (e). Front windscreens (windshields), rear windows and other windows, whether or not framed, incorporating heating devices or other electrical or electronic devices, for vehicles of chapters 86 to 88;
  - (f). Optical fibers, optically worked optical elements, hypodermic syringes, artificial eyes, thermometers, barometers, hydrometers or other articles of chapter 90;
  - (g). Luminaires and lighting fittings, illuminated signs, illuminated name-plates or the like, having a permanently fixed light source, or parts thereof of heading 9405;
  - (h). 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
  - (ij). 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 ( $\text{SiO}_2$ ) content not less than 60 percent by weight;
  - (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 (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.

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
70	Glass and Glassware		
7001.00.0100	- Cullet and other waste and scrap of glass, excluding glass from cathode-ray tubes or other activated glass of heading 8549; 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 5x10 <sup>-6</sup> 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 in.) 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	m2	
7003.19.0000	- - - Other	m2	
7003.20.0000	- - Wired sheets	m2	
7003.30.0000	- - Profiles	m2	
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	m2	
7004.90.0000	- - Other glass	m2	
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	m2	
	- - Other nonwired glass:		
7005.21.0000	- - - Colored throughout the mass (body tinted), opacified, flashed or merely surface ground	m2	
7005.29.0000	- - - Other	m2	
7005.30.0000	- - Wired glass	m2	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
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	m2	
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	m2	
7007.19.0000	- - - Other	m2	
	- - Laminated safety glass:		
7007.21	- - - Of size and shape suitable for incorporation in vehicles, aircraft, spacecraft or vessels:		
7007.21.1100	- - - - Windshields	m2	
7007.21.5100	- - - - Other	m2	
7007.29.0000	- - - Other	m2	
7008.00.0000	- Multiple-walled insulating units of glass	No.	
7009	- Glass mirrors, whether or not framed, including rearview mirrors:		
	- - Rearview mirrors for vehicles	No.	
	- - Other:		
7009.91.0000	- - - Unframed	cm2	
7009.92.0000	- - - Framed	cm2	
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	
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	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
7010.90.2020	----- Of a capacity exceeding 0.33 liter but not exceed- ing 1 liter	gross	
7010.90.2030	----- Of a capacity exceeding 0.15 liter but not exceed- ing 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	
	--- 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 and light sources, 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	Hundr	
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.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	- - 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.	
	- - Other:		
7014.00.3000	- - - Lenses and filters, and parts thereof	No.	
7014.00.5000	- - - Other	No.	
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	No.	
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	No.	
7016.90.0000	- - Other	No.	
7017	- Laboratory, hygienic or pharmaceutical glassware, whether or not graduated or calibrated:		
7017.10.0000	- - Of fused quartz or other fused silica	kg	
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	kg	
7017.90	- - Other:		
7017.90.1000	- - - Microscope slides and micro cover glasses	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
7017.90.5000	--- Other	kg	
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 (0.039 in.) in diameter:		
7018.10.0000	-- Glass beads, imitation pearls, imitation precious or semiprecious stones and similar glass smallwares	kg	
7018.20.0000	-- Glass microspheres not exceeding 1 mm (0.039 in.) in diameter	kg	
7018.90.0000	-- Other	kg	
7019	- Glass fibers (including glass wool) and articles thereof (for example, yarn, rovings, woven fabrics):		
	-- Slivers, rovings, yarn and chopped strands and mats thereof:		
7019.11.0000	--- Chopped strands, of a length of not more than 50 mm (1.97 in.)	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	
7019.13	--- Other yarn, slivers:		
	---- Yarns:		
7019.13.1000	----- Not colored, of a kind used in industry as packing or lubricating materials	kg	
7019.13.2000	----- Other	kg	
7019.13.3500	---- Other	kg	
7019.14.0000	--- Mechanically bonded mats	kg	
7019.15.0000	--- Chemically bonded mats	kg	
7019.19	--- Other:		
7019.19.3000	---- Chopped strands, of a length more than 50 mm (1.97 in.)	kg	
7019.19.4100	---- Other	kg	
	-- Mechanically bonded fabrics:		
7019.61.0000	--- Closed woven fabrics of rovings	m2	kg
7019.62.0000	--- Other closed fabrics of rovings	m2	kg
7019.63.0000	--- Closed woven fabrics, plain weave, of yarns, not coated or laminated	m2	kg
7019.64.0000	--- Closed woven fabrics, plain weave, of yarns, coated or laminated	m2	kg
7019.65.0000	--- Open woven fabrics of a width not exceeding 30 cm (11.8 in.)	m2	kg
7019.66.0000	--- Open woven fabrics of a width exceeding 30 cm (11.8 in.)	m2	kg

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
7019.69.0000	--- Other	m2	kg
	-- Chemically bonded fabrics:		
7019.71.0000	--- Veils (thin sheets)	kg	
7019.72.0000	--- Other closed fabrics	m2	kg
7019.73.0000	--- Other open fabrics	m2	kg
7019.80	--- Glass wool and articles of glass wool:		
7019.80.1000	---- Insulation products	m2	
7019.80.9000	---- Other	m2	
7019.90	-- Other:		
7019.90.1100	--- Woven	m2	
	--- Other:		
7019.90.5120	---- Glass fibers in bulk	m2	
7019.90.5140	---- Glass fiber filters (nonwoven)	m2	
7019.90.5150	---- Other	m2	
7020	- Other articles of glass:		
7020.00.4000	-- Glass inners for vacuum flasks or for other vacuum vessels	No.	
7020.00.9000	-- Other	No.	