

70.11

70.11 - Glass envelopes (including bulbs and tubes), open, and glass parts thereof, without fittings, for electric lamps, cathode-ray tubes or the like.

7011.10 - For electric lighting

7011.20 - For cathode-ray tubes

7011.90 - Other

This heading covers :

- (A) All open glass envelopes (including bulbs and tubes) of any shape or size, **without fittings**, for the manufacture of electric lamps, valves and tubes, whether these are for illuminating or other purposes (incandescent or vapour discharge lamps, X-ray tubes, radio valves, cathode-ray tubes, rectifier valves or other electronic tubes or valves, infra-red lamps, etc.). Most of these envelopes are mass-produced by automatic machines; they may be frosted, coloured, opal, metallised, coated with fluorescent material, etc.

Glass parts of envelopes (such as face-plates or cones of cathode-ray tubes for television receivers, spotlight bulb reflectors) remain in this heading.

- (B) Tubes with narrowed ends clearly intended for electric lamps, or bent into shape for advertising signs.
- (C) Tubes lined with a fluorescent substance (e.g., zinc silicate, cadmium borate, calcium tungstate).

By means of a series of operations (including, insertion of filaments or electrodes, exhaustion of the envelope, introduction of one or more rare gases, of mercury, etc., fitting of caps or connectors), these envelopes are made into electric lamps, cathode-ray tubes or the like of Chapter 85.

All the above-mentioned articles may be of ordinary glass, crystal glass or fused quartz.

The heading **does not include** :

- (a) Glass tubes merely cut to length, whether or not the ends have been fire polished or otherwise smoothed, or tubes which have had fluorescent materials (e.g., sodium uranate) added to the glass in the mass (**heading 70.02**).
- (b) Glass bulbs, tubes and envelopes, closed or with fittings, and finished bulbs, tubes and valves (see **headings 85.39, 85.40, 90.22**, etc.).