

**94-0344**

The invention relates to the glass industry and other factories using hollow glass wares and it is intended for increasing of the annealed glass chemical resistance. The process includes the ware cavity filling at a room temperature with the gas reagent with 0,1-1,0% from its volume, the thermal treatment and cooling. Heating till 400 - 600°C is performed with a speed of 10-30°C/min. For hollow glass ware treatment (bottles, pots flasks, and others) can be used acid gas (sulphur dioxide), hydrogen chloride, halogen derivatives of carbon hydrogens, gas mixtures.

The chemical resistance of glass wares after the thermochemical treatment increases several times.