INFLUENCE OF SHAPE FOR LINER ON PERFORMANCE CHARACTERISTICS OF MILKING MACHINE

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Abstract. *The paper presents a review of current samples of the liner in the form of the working chamber and the physical properties of rubber. Substantiation features of operation for the liner. In rubber triangular profile barrel-shaped rollers in the form of "stars" (the parts that come into contact with the nipple during milking create a uniform pressure on the nipple on three sides. This allows to increase the plane of the massaging surface of the nipple and improves the contact with the nipple along its entire length. However, the end of milking remains in the "compression stroke". On the one hand, is protection from mechanical impact to the surface of rubber impact rubber) on the tip of the nipple, on the other, the tip of the nipple left open to the action of the vacuum, however, in common SFER vacuum in the tank nipple misses. So, liners are triangular in shape, compared with cylindrical has a number of advantages: relative to manufacturability, variable stiffness along the length and cross section, increasing the number of irritations to the surface and the end of milking, lower cost service however the disadvantages include the complexity to manufacture and accordingly more expensive, requires a specific form of a cup with a distinctive profile, fixed-term developments (not in service).*

Key words: ***influence, shape, liners, milking machine***