

**ABOUT THE METHOD OF KNITTING DOUBLE-SIDED PLUSH JERSEY ON  
SINGLE LINE MACHINES. THE KNITTING METHOD OF DOUBLE-SIDED  
PLUSH KNITWEAR ON A SINGLE-KNITTING MACHINE**

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**Annotation**

The article provides information on the development of a new mechanism for the production of double-sided plush knitwear on a single-knitting machine.

**Key words:** jersey, plush, double-sided, knitting, mechanism.

One of the important and urgent tasks facing the knitwear industry is to improve the quality, improve and update the range of products. [1].

Plush knitwear can be smooth and patterned. In smooth plush knitwear, the broach of each loop forms a pile, and in patterned knitwear, the pile forms only part of the loops according to the rapport of the pattern.

A known method for producing double-sided plush knitwear, which includes laying in the first system plush thread and ground thread on needles and platinum, followed by the formation of a loop row with plush broaches on the wrong side of the knitwear. [2].

In order to develop knitwear with high heat-shielding properties, the Department of Knitwear Technology of NamMTI developed a structure and a method for obtaining a new double-sided plush knitwear based on a satin stitch. To obtain plush rows, in addition to the ground thread, two plush threads are used [3]. Double-sided plush jersey consists of a ground thread forming an interlacing of the weaving surface and facial, purl plush threads.

When the needle bar rotates, the needles and plates of a single-loop machine rise to the conclusion, while the needles rise to such a height that it was possible to lay a ground thread on them, a plush thread from the wrong side is laid on the capes of the platinum, a plush thread that comes out from the front side is laid under the hooks of a special plate.

With further rotation of the machine, the face plush broaches are reset using sinking wedges, and thus these broaches are formed from the front side. The purl plush broaches of P. descend from the cape of the platinum and form broaches from the wrong side of the jersey.

Thus, the formation of a loop row of double-sided plush knitwear on the basis of a culinary surface with double-sided plush broaches in each row of knitwear, both from the front and back sides, is achieved.

The advantage of the proposed method is that the length of the formed plush broaches can be adjusted regardless of the depth of the ground thread culling, as well as the possibility of obtaining patterned plush weaves.

The formation of double-sided plush knitwear in one loop-forming system increases the productivity of knitting machines.

## **USED LITERATURE**

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