

# ЛЕОНАРДА®

# LEONARDA

*Limited liability company*  
“LEONARDA - SERVICE”

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Limited Liability Company “LEONARDA-SERVICE” was registered on January 28, 2005 in Moscow. LEONARDA-SERVICE LLC has been a resident of Strogino Technopark since 2010. All medical products manufactured by the company are included in the "List of innovative, high-tech products and technologies" of Moscow. Today, LEONARDA-SERVICE holds 34 Patents in various fields.

### **Medical elastic perforated medical and rehabilitation bandages "LEONARDA":**

- Elastic perforated cloth, from which elastic perforated bandages "LEONARD" are made, patented - Patent No.2289643;
- Patent of the Eurasian Patent Organization (EAPO) No.035023;
- In 2020, the "Elastic, ribbon, perforated medical bandage" TM "LEONARDA", RU No. RZN 2019/9401 dated 12/19/2019 were introduced to the Russian market;
- Included in the "List of innovative, high-tech products and technologies" of Moscow;
- Successfully passed the Moscow program "Pilot testing of innovative solutions in an urban environment" - it is recommended to scale an innovative solution in specialized institutions of the city of Moscow and provide citizens who are included in the social and medical support program of Moscow (report of the OSP RGNCC of the Federal State Budgetary Educational Institution named after N. I. Pirogov - Russian Gerontological Scientific and Clinical Center of the Ministry of Health of the Russian Federation);
- Perforation of the elastic medical bandage "LEONARD" gives increased breathability due to the precisely calculated number of holes in the fabric, which allows you to prevent or minimize sweating.

The compression of the bandage may vary depending on the number of rows with perforations (holes) per width of the bandage;

- Innovative design features of the "LEONARD elastic perforated medical bandage" (Patent No. 289643) can significantly increase its service life due to a significantly increased index of shape stability and wear resistance compared with similar bandages from world manufacturers.

For example: in the manufacture of a LEONARD bandage (of medium extensibility, width 8 cm), 10 filaments technologically participate (5 filaments tie the front part of the bandage, 5 filaments tie the wrong part of the bandage) Fig.2. For similar bandages from world manufacturers, 2 filaments are involved in the manufacture of the bandage (1 filamentous thread ties the front part of the bandage, 1 filamentous thread ties the wrong part of the bandage) Fig.1.

An increase in the number of filaments, when knitting a bandage, allows you to create 5 separately knitted sections of the canvas with a single width of the bandage. The bonding, wear resistance and shape stability of a bandage with 5 independently tied sections along the width of the bandage is significantly greater than that of bandages with one tied section along the width of the bandage;

- The use of medical elastic, perforated bandages TM "LEONARDA" (RU No. RZN 2019/9401 dated 12/19/2019): for the treatment and prevention of varicose veins, after surgery for varicose veins, to prevent bleeding and hematomas after operations on veins and joints, improving the quality of postoperative recovery. Reducing the risk of complications of the course of the disease, facilitating the course of chronic forms of diseases.

Fixation of soft tissues and articular ligaments after sports injuries and sprains, prevention of sports injuries and sprains of soft tissues and articular ligaments.

### **How does this elastic bandage radically differ from existing analogues on the market?**

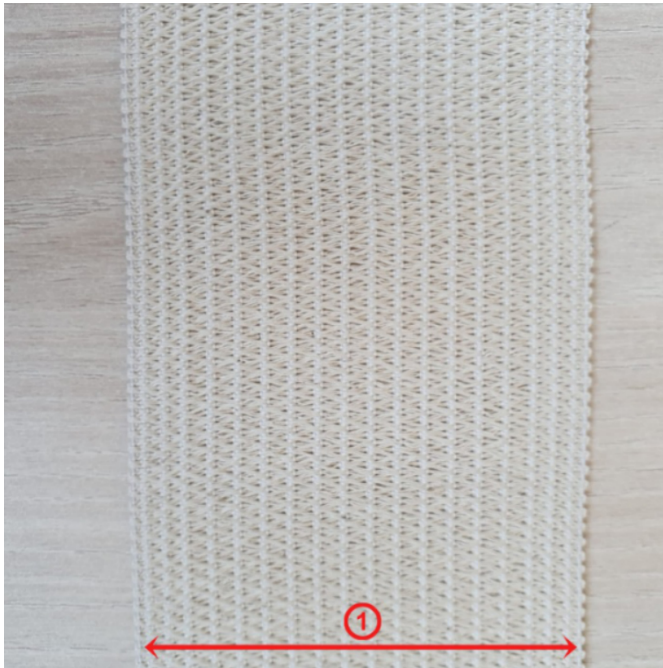
- Increased breathability (reduction /exclusion of perspiration of the skin under the bandage, accumulation of pathogens) — “The bandage breathes”;
- Compression of the bandage can vary depending on the number of rows with perforations (holes) per width of the bandage, which allows flexible adjustment to the needs of the consumer and the conditions of use;
- A significant increase in service life due to an increased index of shape stability and wear resistance.

- Medical bandages, perforated tape "LEONARD" provide not only a high level of medical care, but also significantly improve the quality of life of patients. Link to regulatory and explanatory documents:

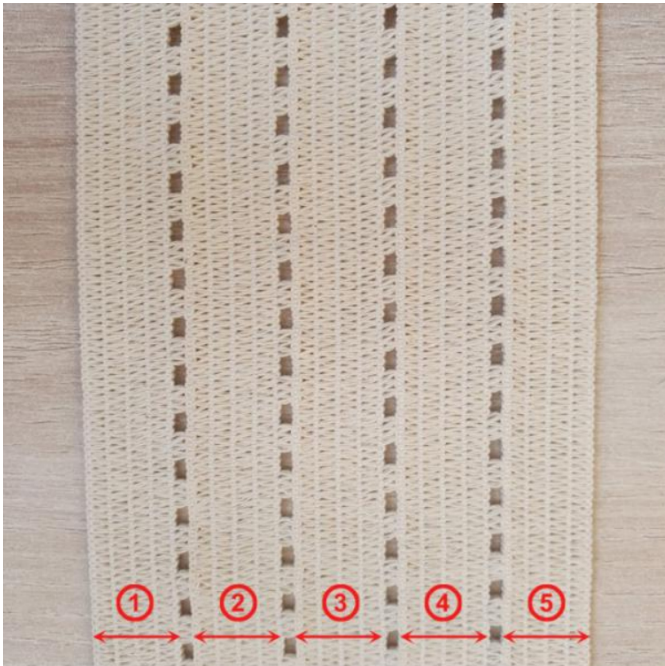
<https://леонарда.рф/professional/documents/bint.html>

**Additional information about the product/technology**

## Product Description/technology



*Fig.1 Bandages from world manufacturers, 1 thread guide on each side (front and back)*



*Fig. 2 LEONARD bandage, 5 filaments on each side (front and back).*

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