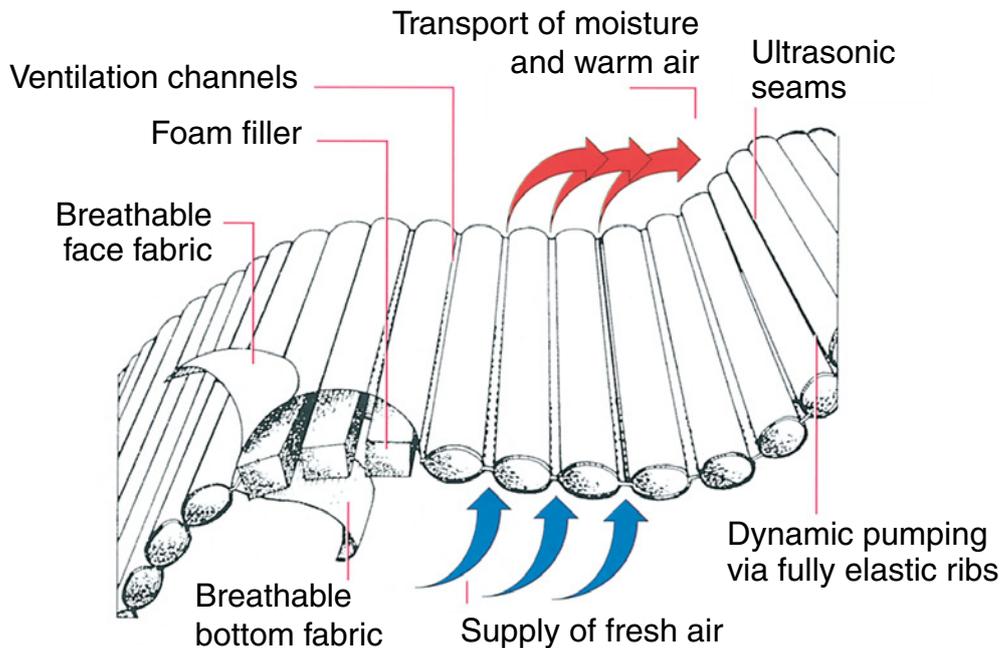


pneumolastic®



- 1. pneumolastic** is a patented, ultrasonically produced, textile, bonded material. Its three-dimensional elasticity allows a skin-like enfolding of extremely strained areas of the body.
- Skin contact causes a permanent massaging effect through the rib structure combined with the elasticity of the material, alternating an "accupressure" effect with relieving stretching. Considerable muscle relief and measurable circulation improvement are the result.
- The friction caused by movement and the reflection of body warmth cause a mild rise in temperature of skin and muscles.
- The "pump" effect, due to the design, continuously causes sweat to be transported away from the skin via the ventilation ribs, at the same time "pumping" fresh air into the **pneumolastic** system.



Flip over for additional fields of application ►

Cervical vertebrae

The causes of pains in the region of the neck are as multiple as its known treatment methods.

Pneumolastic research offers a collar-like bandage for this purpose, that can be applied with Velcro strips. The neck bandage "softens" the hardened muscles soothingly, simultaneously boosting local circulation, and relieves pain from the head to the finger tips.

Rheumatic patients suffer extremely when they are affected by tonsillitis or sinusitis. Promptly applying a **pneumolastic** bandage around the throat, the region of the nose or the forehead has prevented troubles and pain in many cases.

Spine – Did you know of?

Every 3rd person in Germany suffers from back-aches and the most common reason for a visit to the doctor is back trouble. A special bandage was developed by **pneumolastic** research for this problem, too. It can be applied to any section of the spine. The rib structure heats, massages, presses and stretches the muscles of the flexible spine, thereby promoting a lasting regeneration. Thus back trouble from the intervertebral discs can be effectively eased.

Knee joints

Wrong posture, overload and overweight – often combined with exposure to cold – put a heavy strain on the knee joints.

This important part of the locomotor system is only covered by skin, without protective muscular tissue. If a knee joint is regularly strained being at the same time exposed to cold, attrition will soon follow.

Applying **pneumolastic** in time, the signs of degeneration can be delayed for a long time.

But even if the joints already start grinding, cracking or swelling up toward the evening after the strains of the day, the **pneumolastic** knee bandage will provide relief and comfort for the knee.

Shoulder joints

Pains in the shoulder joints are particularly hard to treat and often require a long-term therapy which stresses both the patient and the orthopaedist. Preventive measures duly taken are especially recommendable in this case.

The **pneumolastic** bandage enfolds the muscles and the joints completely due to its three-dimensional elasticity, thus preventing exposure to cold of the sensitive shoulder area by day and by night and counteracting myogelosis from nervous or weather-related causes.

Elbow joints

Pneumolastic arm bandages have, after extensive tests, proven to be very effective for all kinds of aches and pains under the general term "tennis elbow".

One-sided strains through job or sports are soothingly massaged, so usually complications do appear not at all. Soon after applying the bandage the warm, dry massage will become effective. A clearly visible reddening of the skin reveals the stronger blood flow.

Applications for mats, pads and covers

The previous examples of different kinds of bandages demonstrated the treatment of individual joints and sets of joints (spine).

Additionally, when you lie on them, **pneumolastic** covers/mats will provide relief for all muscles, sinews and tendons. The interplay of rib elevations and grooves is especially of benefit to intervertebral disc patients and osteoporosis patients:

- The massage caused by the rib-structure loosens the muscles and increases blood flow towards the bones, at the same time stimulating the inner nutrition of the joint cartilage.
- The rib-and-groove construction results in an advantageous distribution of pressure and in a dehumidifying. Thereby the arising of painful decubitus (bedsore) can be avoided.

Pneumolastic pads/covers were tested in a project realized by the "Missionsärztliche Klinik Würzburg" in Germany and found unconditionally recommendable as a prophylaxis against decubitus.