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Product Description

Nullscar™ is a 100% medical grade silicone adhesive plate, soft, semi-occlusive with active principals of rosehip oil and vitamin E in its composition. It has long-lasting adhesion, is reusable and is easily molded to the body. It is indicated to improve the appearance of scars, reduce redness, and prevent hypertrophic, keloid, and widened scars. Additionally, it minimizes edema and provides greater comfort from postoperative symptoms.

Product Composition

Nullscar™ plates are composed of:

- Dimethyl polysiloxane-based silicone elastomer.
- Dimethyl polysiloxane-based silicone elastomer with platinum complexes.
- Rosehip oil.
- Vitamin E oil.

Mechanisms of Action

- **Physical action**

Through its mechanical action, the Nullscar™ silicone adhesive plate inhibits skin tension at the application site and prevents scar widening. The pressure therapy exerted by the product on the skin compresses the blood vessels in the treated area, improving the reddish appearance of the scar and preventing hypertrophy.

The Nullscar™ silicone adhesive plate protects the scar from external friction.

When used postoperatively after chin liposuction, the pressure of the Nullscar™ silicone adhesive plate on the skin reduces edema and stimulates uniform adhesion of the skin to deeper layers, promoting greater comfort from postoperative symptoms.

- **Biochemical Action**

Rosehip oil preserves skin texture due to its high emollient and hydration properties. Rich in unsaturated fatty acids, vitamin C, and trans-retinoic acid, it also has a regenerative effect.

Vitamin E acts as an antioxidant and emollient.

The occlusive nature of the Nullscar™ silicone adhesive plate increases the temperature of the scar, promoting the increase of enzymes such as collagenase. This enzyme acts by normalizing the collagen level of scars, preventing its excess as in cases of hypertrophic and keloid scars.

It stabilizes mast cells, reducing pruritus (itching).

The use of Nullscar™ silicone adhesive plate maintains an optimal level of moisture in the skin, providing adequate hydration to the scar, which facilitates the organization of collagen fibers.

General Indications

- Prevent hypertrophic, keloid and enlarged scars.
- Indicated to minimize friction, pruritus (itching), and improve redness.
- Applicable to any surgical skin incision.
- Also applicable to burn scars and tattoos.
- Nullscar™ can be used as an adjuvant in the treatment of keloids and hypertrophy already present, concomitantly with the use of other therapies.

Specific Indications

- **Nullscar Abdomen:** Indicated for use after abdominoplasty and lower abdominal surgeries.
- **Nullscar Areola:** Indicated for scars in the areola region, or scars that require tension reduction in this region.
- **Nullscar Chest:** Indicated for reducing static wrinkles (sleep lines) or treating burn scars in the chest region.
- **Nullscar Breast L:** Indicated for scars from mammoplasty, mastopexy, and reconstruction surgeries with L-shaped scars.
- **Nullscar Umbilical Orthosis:** Indicated to prevent umbilical stenosis that can occur after surgeries such as abdominoplasty, bariatric surgery, abdominal liposuction, and endoscopic surgeries.
- **Nullscar Occlusive Plate:** Indicated for areas of the body that require reduced tension and pressure therapy, reduction of edema, post-operative bruising and burn scars.
- **Nullscar Straight:** The indications for the Straight plate vary according to size. Straight S is indicated for small incisions such as breast augmentation. Straight M is indicated for incisions in orthopedic surgeries, brachioplasty, dorsal, and abdominal surgeries. Straight L is indicated for large surgeries such as spinal surgeries or cardiac surgeries.
- **Nullscar Inverted T:** Indicated for scars from reduction mammoplasty, mastopexy, and reconstruction surgeries with inverted T scars.
- **Nullscar Tape 360°:** Indicated for post-abdominal surgeries that extend to the lumbar region and for post reverse abdominoplasty surgery.
- **Nullscar Tape Lift:** Indicated for post-face lift, post-chin liposuction, and otoplasty.
- **Nullscar Tape Neck:** Indicated for post-chin liposuction, post-eyebrow lift, isolated neck lift, post-emptiers, and post-lipolytic laser.
- **Nullscar Tape Slim Tabs:** Indicated for post-thyroid surgery, post-otoplasty and minor surgeries in any area of the body with little tension.

Contraindications

- Never apply the plate over sutures (stiches).
- Do not use in case of hypersensitivity to the components.
- Never apply on open, infected, exudative, crusted wounds, or mucous membranes. If the skin around the scar is irritated, do not use the Nullscar plate.
- Never use on burn areas that are not completely healed or that are still exuding fluids.
- Never use on scars with crusts and dehiscence.
- Do not use it if you are hypersensitive to adhesives.

Precautions

- Do not apply lotions, ointments, moisturizers, or other skin treatment products before attaching the plate to the skin to avoid interfering with adhesion, except for the indicated occlusive corticosteroid plate.
- In case of skin irritation, suspend the use of the plate until symptoms improve. If irritation persists, seek medical advice.

Important Recommendations/Warnings

- The product and its packaging must be intact; if the packaging is damaged, the product must not be used.
- This product is not sterile.
- During initial use, adhesive residue with active ingredients may be observed on the skin, it can be removed with gentle rubbing.
- Follow appropriate storage precautions to avoid exposing the plate to external agents such as talc, dust, hair, or oils that interfere with adhesiveness.
- Comply with the product's expiration date.
- Keep this product out of reach of children.
- During use of the Nullscar Tape Neck plate post liposuction, a compact powder can be applied to the outside of the plate to match the skin color and prevent hair from sticking to the outside. Male users must keep their beard well-trimmed for effective adhesion to the skin.
- To ensure the desired effect, preferably use Nullscar Chest plate daily before going to bed, as vitamin E and Rosehip Oil provide deep hydration to the skin.

Possible side effects

- There are few adverse effects reported with the use of gel, tapes and/or silicone plates for scar treatment. However, reactions such as pruritus (itching), contact dermatitis, irritation, rashes and maceration may occur in the area covered by the product.

- If any of these reactions occur, it is recommended to reduce the daily use of the Nullscar™ silicone adhesive plate, alternating with periods of rest. If any of these symptoms persist, discontinue use, and consult your doctor.

How to use Nullscar™

- With clean hands, gently wash the scar area with soap and water and dry it before applying the Nullscar™ silicone adhesive plate. Always repeat the cleaning of the scar area before reapplying the plate.
- Remove the Nullscar™ plate from the protective plastic base in which it is inserted.
- This base must be maintained for storing the plate between uses.
- Apply the adhesive surface of the plate to clean, dry skin without any creams or moisturizers, bringing the edges of the scar closer together to reduce skin tension.
- For better skin adaptation to the product, start using the Nullscar™ silicone adhesive plate for 4 hours per day for the first 3 days. Gradually increase the usage by 2 hours a day until reaching a minimum of 8 hours per day.
- At the end of the adaptation period, its recommended use should be 8 to 12 hours, for at least 3 months, or according to medical advice.
- Although the Nullscar™ silicone adhesive plate is self-adherent, in areas such as upper and lower limbs, an elastic bandage can be used to help fix the plate.
- Start treatment with the Nullscar™ silicone adhesive plate preferably 4 weeks after surgery and in the total absence of exudates or crusts on the scar.
- In case of chin liposuction, start treatment with the Nullscar Tape Neck plate after the second post-operative day, applying it approximately 2 cm below the surgical stitches, on intact skin. After removing the surgical stitches, apply the Nullscar Tape Neck plate over the surgical scar.
- Apply the Nullscar Chest plate to clean, dry skin, preferably at night. If used during the day, apply it for 2 hours to improve hydration and static wrinkles.

Storage and Special Care

- To reuse the Nullscar™ silicone adhesive plate, store the product in a dry place and in the protective plastic base available in the packaging.
- It is recommended to clean the plate with running water and let it dry naturally.
- The plate's durability after use is typically 30 days, and it can be used as long as the adhesiveness lasts.
- The product should be disposed of in regular trash. Avoid discarding it in inappropriate locations or throwing it into nature.