

CHIRALEN meshes

Chiralen meshes

Non-absorbable

The sterile and surgical meshes are made from undyed polypropylene filaments. The knitted filaments have a smooth and hydrophobic surface, which biologically are absolutely inert. High elasticity in both directions guarantees good elasticity and flexibility. This construction enables the mesh to be cut to any shape or size without unravelling.

The meshes' tensile strength and tear resistance are in line with the natural properties of the body, so the meshes can be used for various indications. The special structure, increased pore size and particularly fine monofilaments provide a macroporous, very light and flexible mesh implant. Its greater porosity allows more rapid ingrowth of the body's cells, which stabilises the tissues.

The mesh can be fixed in the location of the wound. For this purpose non-absorbable suture material should be used at a distance of at least 6.5 mm from the edge of the mesh.

Chiralen meshes are available in different sizes, all offering high strength and high flexibility. Chiralen meshes are available in a weight of approx. 125 g/m² or in the light version with a weight of approx. 55 g/m².

Indication: Chiralen meshes are indicated in the operative treatment of fascial defects, in particular hernias, which require long-term bridging of damaged structures.

Chiralen mesh technical information

Weight: 125 g/m²

Thickness of filament: 0.420 mm

Pore density: 48 pores/1 cm²

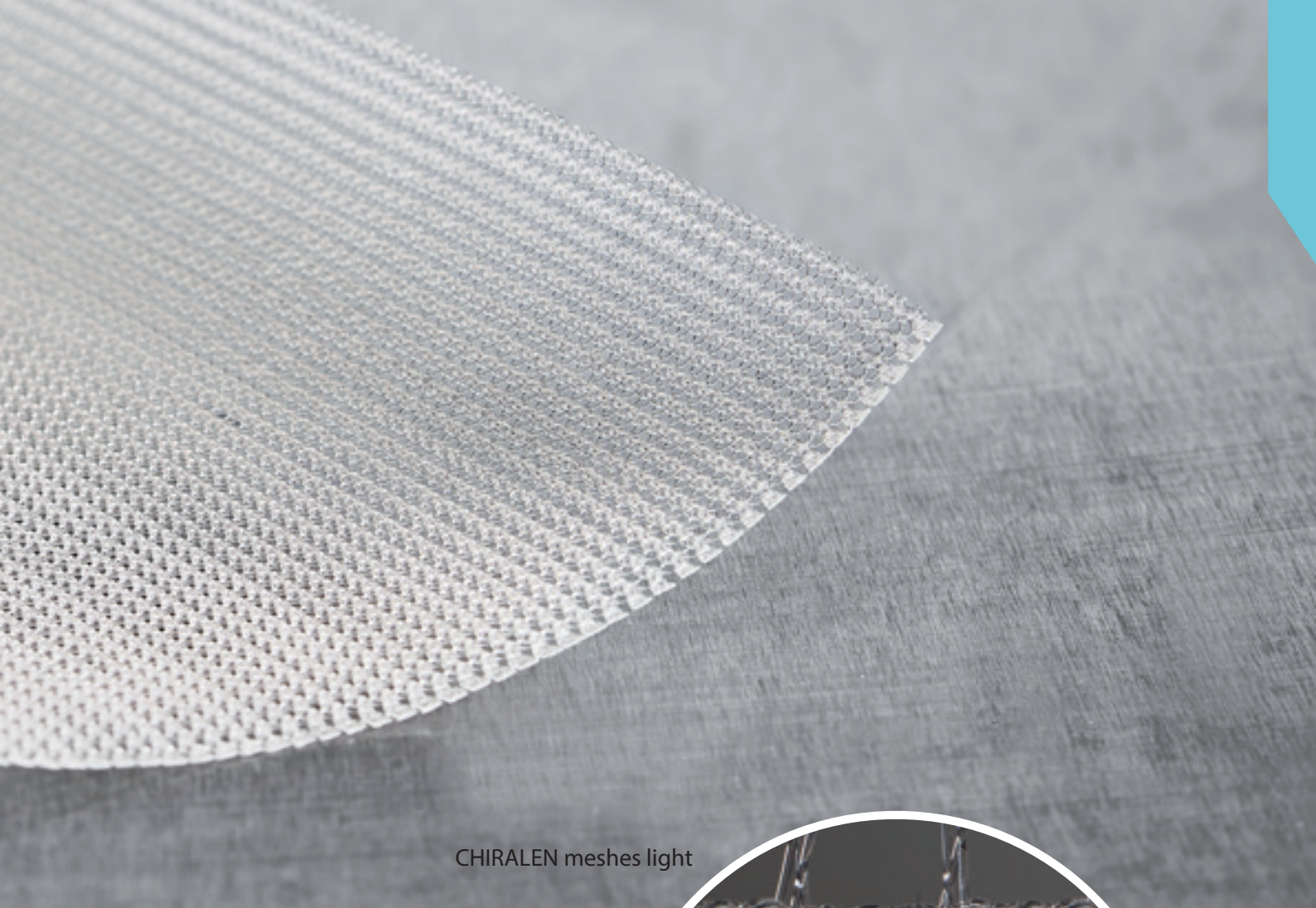
Chiralen mesh light technical information

Weight: 55 g/m²

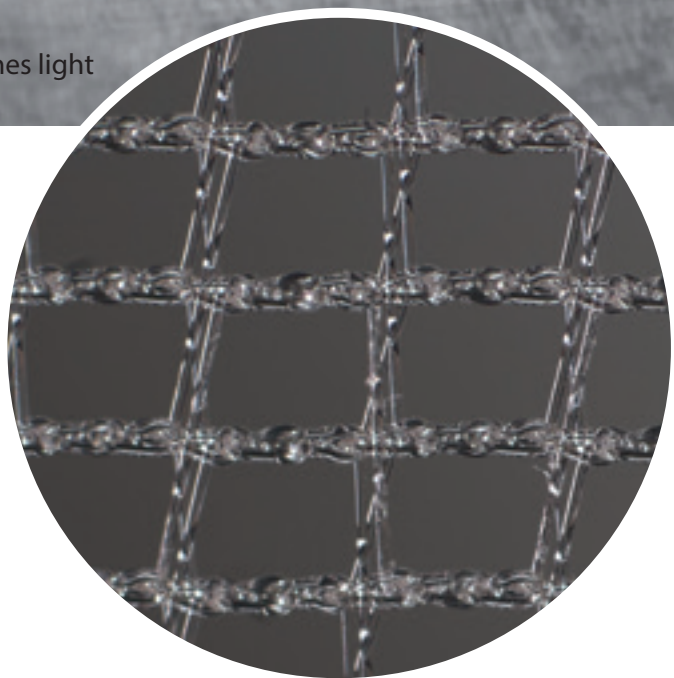
Thickness of filament: 0.320 mm

Pore density: 48 pores/1 cm²

Pore size gross: 218 µm (net: 180 µm)



CHIRALEN meshes light



Advantages

- Minimises foreign-body reactions
- Security combined with great comfort for the patient
- Optimised scar tissue formation

CHIRALEN meshes

Size	Cat. No
6 cm x 11 cm	PM0611
7.6 cm x 15 cm	PM0715
10 cm x 15 cm	PM1015
15 cm x 15 cm	PM0151
30 cm x 30 cm	PM0303

CHIRALEN meshes light

Size	Cat. No
6 cm x 11 cm	PL0611
10 cm x 15 cm	PL1015
15 cm x 15 cm	PL1515
15 cm x 30 cm	PL1530
30 cm x 30 cm	PL3030



For different specialties, procedures and tissue types within human, veterinary and dental market, Chirmax Surgical provides state of the art, European quality surgical sutures and meshes to improve the lives of patients worldwide. Each individual production process is subject to strict scientific quality control.

Surgical Sutures

The choice of needle to be used must rest with the surgeon and may take several factors into account. Chirmax Surgical Sutures are manufactured in a wide range of types, shapes, lengths and diameters with high quality Mani Japanese needles to cover the most demanding requirements. Choose between more than 5.000 absorbable and non-absorbable sutures and special needle products. We also develop and produce custom made sutures.

Surgical Meshes

A standard for the permanent repair of abdominal wall hernias. A wide range of mesh implants are available, with two main functions: to stabilise and strengthen soft tissue defects, and to act as a sling to support prolapsed organs and viscera. It is most commonly used in pelvic organ prolapse, urinary stress incontinence and hernia repairs.

*Strengthening Healing,
Supporting Recovery*

