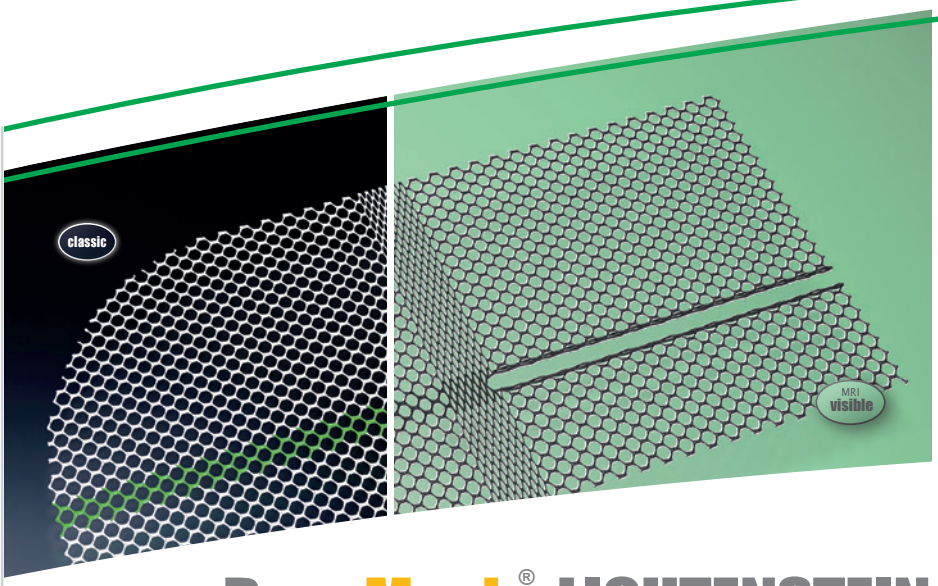
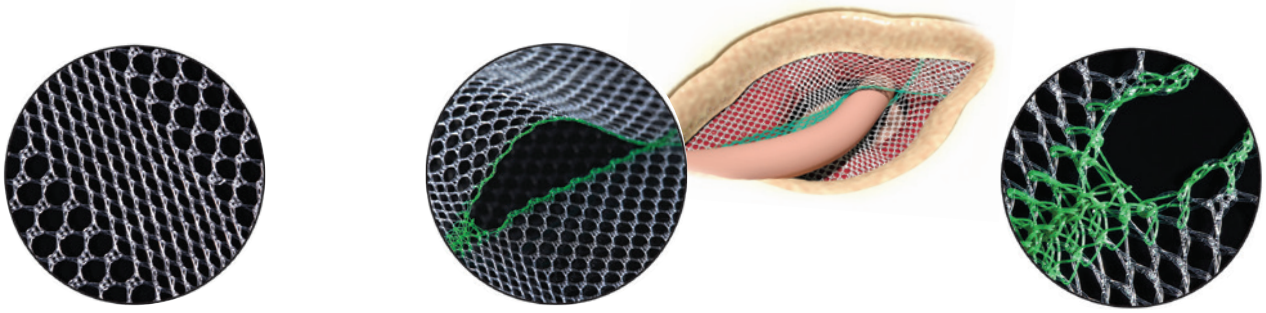



**DynaMesh®-LICHTENSTEIN** and **DynaMesh®-LICHTENSTEIN visible** implants are intended for the surgical treatment of inguinal hernias and permanently bridge and reinforce the soft tissue in the groin region in the area of the hernia defect.

# DynaMesh®-LICHTENSTEIN

**For Example: inguinal hernia, left side**



## Varying Pore Size

The devices have areas with different pore sizes.

## Prefabricated Slit & Smooth Warp-Knitted Selvedges

The devices have a prefabricated slit with smooth warp-knitted selvedges, and they have tear propagation resistance [TR82].

## Visibility & Handling

The colouring provides better intraoperative visibility and handling of the device.

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hergestellt durch / manufactured by: FEG Textiltechnik Forschungs- und Entwicklungsgesellschaft mbH
Prager Ring 70, 52070 Aachen, Germany · www.dyna-mesh.com

made in Germany

# DynaMesh®-LICHTENSTEIN

## Use and Properties

| Product | DynaMesh®-LICHTENSTEIN (1) | DynaMesh®-LICHTENSTEIN visible (2) |
|---|---|---|
| Surgical Treatment | Inguinal Hernias | |
| Surgical Approach | Open | |
| Surgical Technique | Lichtenstein | |
| Mesh Position | Onlay (Anterior) | |
| Fixation | Sutures / Tacks / Tissue Adhesives* | |
| Coloured Filaments | Green | Black |
| Smooth Warp-Knitted Selvedges | ● | |
| Visible Technology | ○ | ● |
| Materials | - Polyvinylidene fluoride (PVDF) (CAS 24937-79-9) > 99% (w/w) (1) (2)<br>- Phthalocyanine green (CAS 1328-53-6) < 1% (w/w) (1)<br>- Triiron tetraoxide (CAS 1317-61-9) < 1% (w/w) (2) | |
| Polymer (Monofilament) | PVDF | |
| Biocompatibility | ● [TR1] | |
| Ageing Resistance | ● [2A, 5VIT, 27A, 52VIT, 93A, 101] | |
| Tear Propagation Resistance | ● [TR82] | |
| Effective Porosity | ●<br>High effective porosity reduces inflammation and the risk of excessive scar formation. [103P, TR83] | |
| Klinge's Mesh Classification | Class 1a [102P, TR83] | |

* Tissue adhesive can be used for fixation for direct or indirect inguinal hernias with a defect size of 1.5 cm to 3 cm (European Hernia Society Classification: M2 or L2).

## Product Range

When selecting the mesh size, ensure sufficient overlap!

| | | |
|---|---|---|
| **DynaMesh®-LICHTENSTEIN** | 06 cm x 11 cm | PV110611*F1/F3/F5/F10* |
| | 7.5 cm x 15 cm | PV110715*F1/F3/F5/F10* |
| | 10 cm x 15 cm | PV111015*F1/F3/F5* |
| **DynaMesh®-LICHTENSTEIN visible** | 06 cm x 11 cm | PV170611*F3/F10* |
| | 7.5 cm x 15 cm | PV170715*F1/F3/F10* |

*FX* = X unit(s)/box (e.g. *F3* = 3 unit(s)/box)

Can be used both for the right and the left side.

● Applies to all product sizes
○ Does not apply
[#] Reference "#" (see "References")
[TR#] Internal test report (see "internal test report references")
Limitations "A" animal trial, "B" bench test, "VIT" in-vitro trial, "P" published results based on the analysis of human mesh explants, "PB" published results mainly based on bench tests

**More information:** *https://en.dyna-mesh.com/dynamesh-lichtenstein-gb*

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