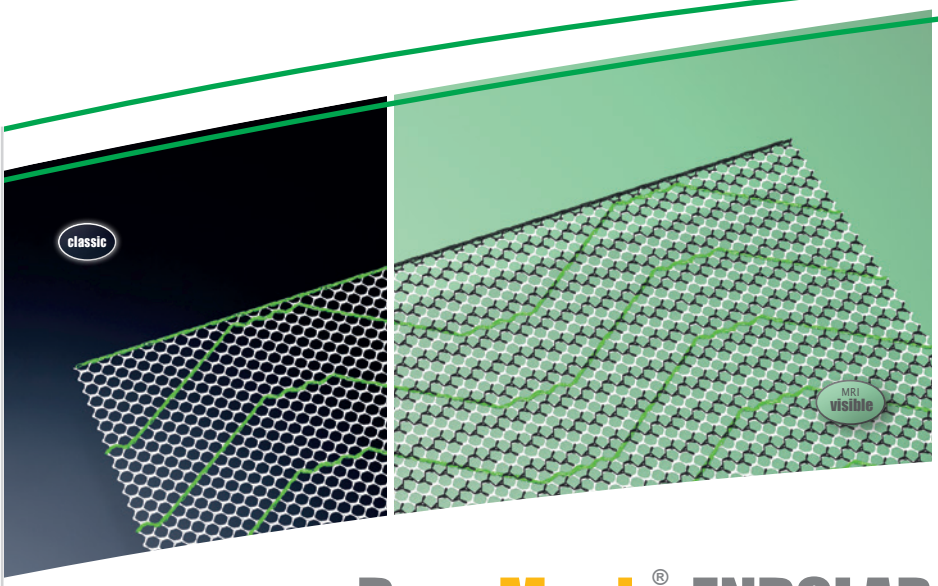
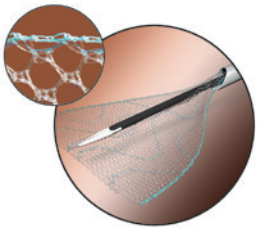


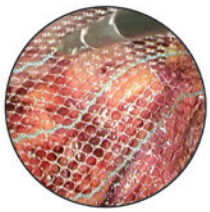
DynaMesh®-ENDOLAP and **DynaMesh®-ENDOLAP visible** implants are intended for the surgical treatment of inguinal or femoral hernias and permanently bridge and reinforce the soft tissue in the groin region in the area of the hernia defect.

DynaMesh®-ENDOLAP



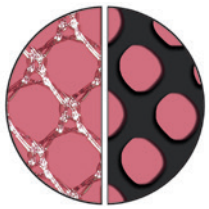
Smooth Warp-Knitted Selvedges

The devices have smooth warp-knitted selvedges.



Choice of Method

The devices must be placed by means of laparoscopic transabdominal preperitoneal (TAPP) or endoscopic totally extraperitoneal (TEP)[1)] hernia repair. The colouring provides better intraoperative visibility and handling of the device.



High Effective Porosity

The devices have a high effective porosity, which is known to reduce inflammation and the risk of excessive scar formation. [103P, TR23]

[1)] Image of surgery courtesy of Dr. A. Kuthe, DRK-Krankenhaus Clementinenhaus, Hanover, Germany

DynaMesh®-ENDOLAP visible - Animation:
MRI visible - 3D Implant Remodelling
https://de.dyna-mesh.com/Vi032xx

CA_H1_END1_M_001_en001a_240319_d

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

made in Germany

DynaMesh®-ENDOLAP

Use and Properties

Product	DynaMesh®-ENDOLAP (1)	DynaMesh®-ENDOLAP visible (2)
Surgical Treatment	Inguinal Hernias / Femoral Hernias	
Surgical Approach	Laparoscopic / Endoscopic	
Surgical Technique	TAPP / TEP	
Mesh Position	Preperitoneal (Posterior)	
Fixation	(None)* / Sutures / Tissue Adhesives / Tacks	
Coloured Filaments	Green	
Smooth Warp-Knitted Selvedges	●	
Visible Technology	○	●
Materials	- Polyvinylidene fluoride (PVDF) (CAS 24937-79-9) > 99% (w/w) (1) (2) - Phthalocyanine green (CAS 1328-53-6) < 1% (w/w) (1) (2) - 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	● [TR21]	
Effective Porosity	● High effective porosity reduces inflammation and the risk of excessive scar formation. [103P, TR23]	
Klinge's Mesh Classification	Class 1a [102P, TR23]	

* Based on current knowledge, with the exception of large direct inguinal hernias (European Hernia Society classification: M3), it appears possible to dispense with any form of fixation.

Product Range

When selecting and cutting the device, sufficient defect overlap must be ensured to minimise the likelihood of the hernia recurring.

DynaMesh®-ENDOLAP	7.5 cm x 15 cm	PV100715*F1/F3*
	10 cm x 15 cm	PV101015*F1/F3/F10*
	12 cm x 15 cm	PV101215*F1/F3/F10*
	13 cm x 15 cm	PV101315*F1/F3*
	13 cm x 17 cm	PV101317*F1/F3/F10*
	15 cm x 15 cm	PV101515*F1/F3/F10*
DynaMesh®-ENDOLAP visible	10 cm x 15 cm	PV141015*F1/F3/F10*
	15 cm x 15 cm	PV141515*F1/F3/F10*
	15 cm x 30 cm	PV141530*F1*

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

● 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-endolap-gb*

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