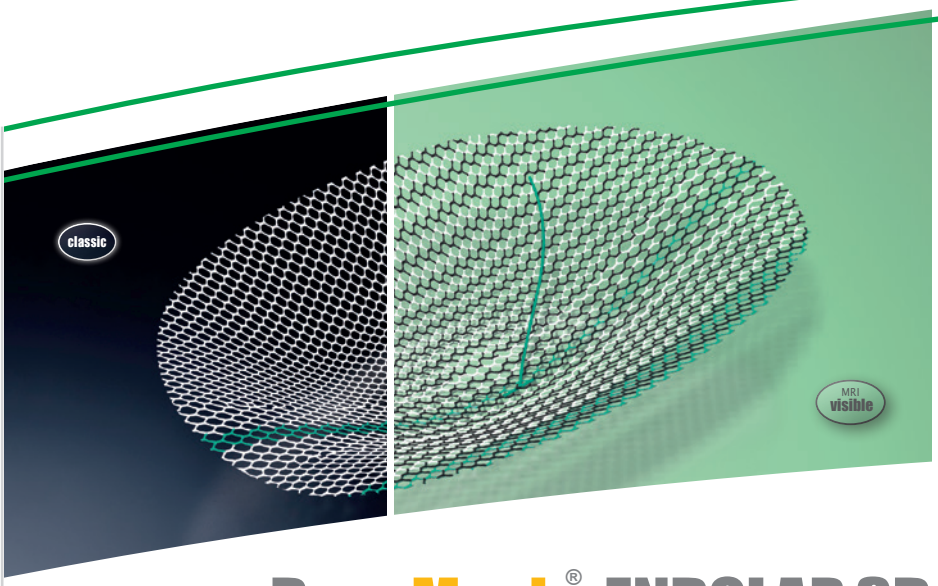
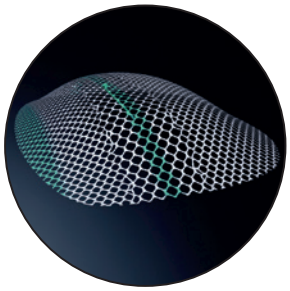
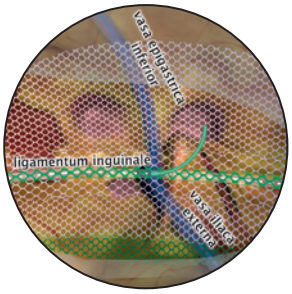
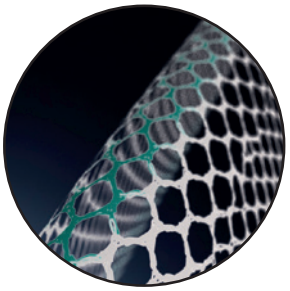


DynaMesh®-ENDOLAP 3D and **DynaMesh®-ENDOLAP 3D visible** implants are intended for the surgical treatment of inguinal or femoral hernias and permanently bridge and reinforce the soft tissue in the groin region in the area of the hernia defect.

DynaMesh®-ENDOLAP 3D







3D Shape

The device is a preformed three-dimensional mesh with a green central longitudinal marking, a green edge marking and centrally attached green filament ends.

Standardised Positioning

The device must be placed in such a way that the central green longitudinal marking is aligned with the inguinal ligament, the green central filament ends are located in projection to the junction of the inferior epigastric blood vessels to the external iliac blood vessels, and the green edge marking points dorsocaudally. The green filament ends must point to the user.

Varying Pore Size

The pore size of the device varies laterally to the longitudinal marking.

DynaMesh®-ENDOLAP 3D - Animation: Total Extraperitoneal Endoscopic Hernioplasty (TEP) *https://de.dyna-mesh.com/Vi012xx*	
DynaMesh®-ENDOLAP 3D - Animation: TAPP Technique for Treatment of Inguinal Hernia *https://de.dyna-mesh.com/Vi013xx*	

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

made in Germany

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DynaMesh®-ENDOLAP 3D

Use and Properties

Product	DynaMesh®-ENDOLAP 3D (1)	DynaMesh®-ENDOLAP 3D 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	
Green Central and Edge Marking	●	
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 3D	09 cm x 14 cm	PV130914*F1/F3*
	10 cm x 15 cm regular	PV131015*F1/F3*
	12 cm x 17 cm	PV131217*F1/F5*
DynaMesh®-ENDOLAP 3D visible	09 cm x 14 cm	PV120914*F1/F3*
	10 cm x 15 cm	PV121015*F1/F3*
	12 cm x 17 cm	PV121217*F1*

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-endolap-3d-gb*

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