

Exogenesis
nanoMesh™



advanced soft tissue
reinforcement mesh



Introducing Exogenesis nanoMesh™, a new soft tissue repair implant composed of knitted polypropylene that has been nano-textured through an innovative technology. Exogenesis nanoMesh™ offers the latest advances in soft tissue implant mesh.

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nanoMesh™

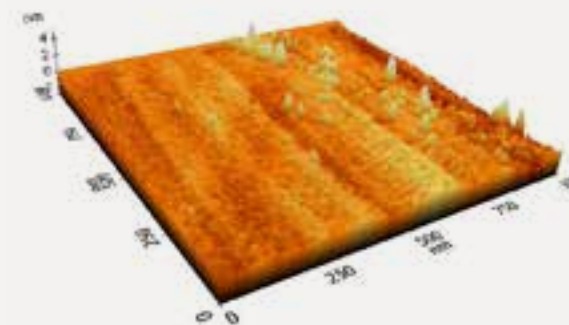
Exogenesis nanoMesh™ can be ordered immediately and is available in a variety of sizes.

Exogenesis nanoMesh™ is indicated for the repair of abdominal wall hernias and deficiencies that require reinforcing material to obtain the desired surgical result. These include abdominal wall hernia defects, including direct and indirect inguinal hernias. Exogenesis nanoMesh™ is intended for single patient, one-time use only and is supplied EO sterile. Exogenesis nanoMesh™ is not indicated for trans-vaginal pelvic organ prolapse repair.

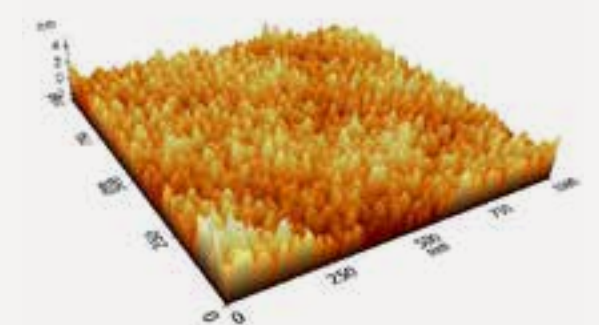
Caution: Federal (US) law restricts this device to sale by or on the order of a licensed health care practitioner. Please refer to instructions for use for full prescribing information. Patents issued and pending. See back page for ordering information.

Atomic Force Microscopy (AFM) images of the surface of a PP mesh fiber

Standard polypropylene mesh



Exogenesis nanoMesh™



Exogenesis nanoMesh™ treated physical parameters

Parameter	nanoMesh™ Treated	Standard Mesh
Mesh Thickness (mm)	0.470 ± 0.019	0.446 ± 0.011
Mesh Density (g/m ²)	91.67 ± 2.25	92.02 ± 3.60
Single Fiber Diameter (mm)	0.173 ± 0.009	0.172 ± 0.009
Pore Area (mm ²)	0.816 ± 0.042	0.835 ± 0.036
Pore Density (#/mm ²)	0.612	0.612
Knot Diameter (mm)	0.688 ± 0.036	0.612 ± 0.030
Tensile Strength (MPa)	9.66 ± 0.77	10.17 ± 0.66
Suture Pull- Out Strength (N)m	26.9 ± 5.7	32.3 ± 2.5
Burst Strength (N/cm)	395	404
Tear Resistance (N)	42.2 ± 3.3	38.9 ± 2.0

Exogenesis nanoMesh™ product specs

Part Number	Size in cm	Packaging
R20611NM	6 x 11	6 pieces/box
R27615NM	7.6 x 15	6 pieces/box
R21015NM	10 x 15	3 pieces/box
R21515NM	15 x 15	3 pieces/box
R23030NM	30 x 30	1 piece/box



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