

NeoGen® Ti-Reinforced and Non-Reinforced PTFE membranes

The NeoGen® range of PTFE membranes offers a new generation of non-resorbable titanium reinforced and non-reinforced membranes. The dual-surface of the NeoGen® non-resorbable membranes combines the handling and tissue interactions of expanded PTFE with the enhanced barrier function offered by dense PTFE, all in one membrane.

Non-resorbable membranes maintain their integrity and thereby the barrier function throughout the healing procedure. They are particularly suitable for larger defects and in reconstructions outside the bony envelope.

Indication

NeoGen® Ti-Reinforced and Non-Reinforced membranes are surgically placed under the oral mucosa to aid in the regenerative healing of bone defects.

NeoGen® Ti-Reinforced and Non-Reinforced membranes are intended to be submerged and clinically implanted for more than 30 days with an expected duration of implantation of three to nine months.

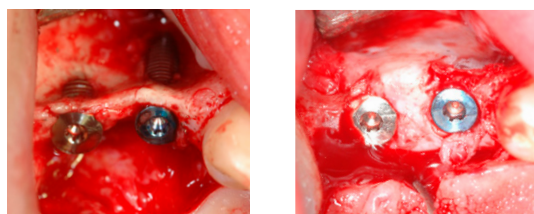
Features & benefits

Enhanced barrier function – The soft tissue side of the membrane has a tight texture that is designed to resist bacteria permeability.

Shapeability and strength – The middle layer of the NeoGen® Ti-Reinforced membrane is a strong and highly shapeable titanium mesh that retains its shape throughout the healing period. It provides a stable tenting function and minimizes membrane folds.

Tissue interaction – The tight texture of the soft tissue side enables soft tissue attachment which further increases membrane stability. The hard tissue side has an expanded texture that enables predictable hard tissue integration.

Ease of use – Both the tight and expanded textures of the membrane are designed to support easy removal after healing. There is also a broad size availability to minimize trimming.



Reconstruction of a congenitally edentulous narrow ridge with simultaneous implant placement. (Images courtesy of Dr. Norbert Haßfurthner, Germany)



Assortment

Art. No.	Description
64010	NeoGen® PTFE Membrane, Ti-Reinforced – S I
64011	NeoGen® PTFE Membrane, Ti-Reinforced – M I
64012	NeoGen® PTFE Membrane, Ti-Reinforced – L I
64013	NeoGen® PTFE Membrane, Ti-Reinforced – M
64014	NeoGen® PTFE Membrane, Ti-Reinforced – L
64015	NeoGen® PTFE Membrane, Ti-Reinforced – XL
64019	NeoGen® PTFE Membrane, Non-Reinforced 18 × 12 mm
64020	NeoGen® PTFE Membrane, Non-Reinforced 29 × 14 mm
64021	NeoGen® PTFE Membrane, Non-Reinforced 34 × 25 mm
64036	Membrane Tack 3 mm – 10 pcs
64031	Tack Positioning Instrument
64033	Tack Mallet
64034	Tack and Screw Cassette
64037	Membrane Screw 3 mm – 10 pcs
32.Z4401.00	Neoss PTFE Suture 60 cm 4/0 – Reverse Cutting 16 mm 3/8 (12 pcs)
32.Z4408.00	Neoss PTFE Suture 60 cm 6/0 – Reverse Cutting 12 mm 3/8 (12 pcs)

All products might not be available in all markets.

Application

Ti-Reinforced membranes – Coverage of larger defects where a rigid membrane is needed to ensure coverage from external mechanical forces or to create a scaffold for bone growth outside the bony envelope. For example, vertical ridge augmentations, large buccal defects etc.

Non-Reinforced membranes – Coverage of smaller bone defects where the surrounding bone provides sufficient stability. Examples are extraction sockets, smaller dehiscences or fenestrations, or coverage of the lateral window after sinus elevation procedure.

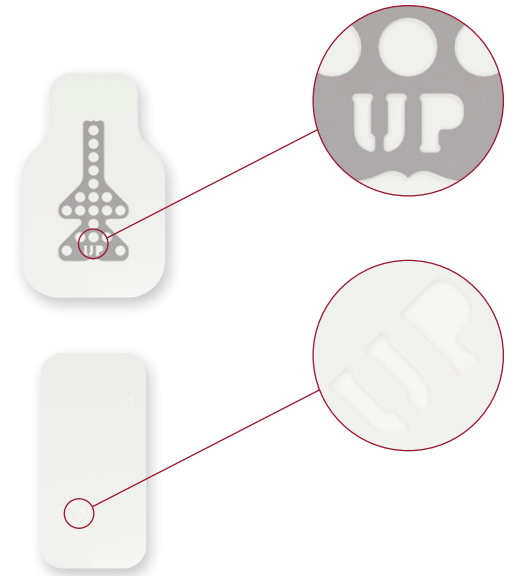
Facts & figures

Packaging – NeoGen® Ti-Reinforced and Non-Reinforced membranes are provided sterile and double packed in a box and a pouch. Content of the pouch is sterile. The membranes cannot be re-sterilized.

Material – Polytetrafluoroethylene (PTFE). The NeoGen® Ti-Reinforced membrane contains commercially pure titanium.

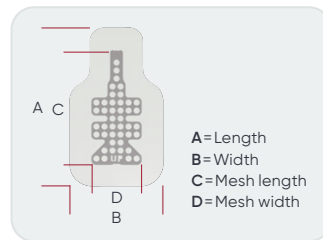
Texture – The different surface textures and porosities of the NeoGen® membranes are created by varying nodes and fibrils within the PTFE material matrix.

Thickness – 0.25 mm.



Soft tissue side (outwards) identification. This side is facing up in the delivery pouch.

Assortment (Images scale 1:1)



Ti-reinforced Membranes

Art. No.	Description	A	B	C	D
64010	NeoGen® PTFE Membrane, Ti-Reinforced – S I (Small Interproximal)	29mm	14mm	19mm	4mm
64011	NeoGen® PTFE Membrane, Ti-Reinforced – M I (Medium Interproximal)	30mm	19mm	19mm	9mm
64012	NeoGen® PTFE Membrane, Ti-Reinforced – L I (Large Interproximal)	36mm	21mm	26mm	11mm
64013	NeoGen® PTFE Membrane, Ti-Reinforced – M (Medium)	32mm	22mm	23mm	12mm
64014	NeoGen® PTFE Membrane, Ti-Reinforced – L (Large)	34mm	25mm	24mm	15mm
64015	NeoGen® PTFE Membrane, Ti-Reinforced – XL (Extra Large)	46mm	32mm	24mm	15mm

Non-reinforced Membranes

Art. No.	Description	A	B
64019	NeoGen® PTFE Membrane, Non-Reinforced 18 × 12 mm	18mm	12mm
64020	NeoGen® PTFE Membrane, Non-Reinforced 29 × 14 mm	29mm	14mm
64021	NeoGen® PTFE Membrane, Non-Reinforced 34 × 25 mm	34mm	25mm

Accessories

Art. No.	Description
64036	Membrane Tack 3 mm – 10 pcs
64031	Tack Positioning Instrument
64033	Tack Mallet
64034	Tack and Screw Cassette
64037	Membrane Screw 3 mm – 10 pcs

Art. No.	Description
32.Z4401.00	Neoss PTFE Suture 60 cm 4/0 – Reverse Cutting 16 mm 3/8 (12 pcs)
32.Z4408.00	Neoss PTFE Suture 60 cm 6/0 – Reverse Cutting 12 mm 3/8 (12 pcs)

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