

MeshForce Mammary Expander

Anatomically shaped, reinforced expanders for controlled tissue expansion, with integrated valve

POLYTECH

Health & Aesthetics



The MeshForce Mammary Expanders with POLYtxt® surface are anatomically shaped and match the Replicon® or Opticon® implants. They provide a mesh reinforcement in the upper half and back of the expander to prevent overexpansion in the upper quadrants of the future implant pocket.

MeshForce Mammary Expander, CE 0483

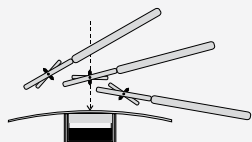
Product description

Mammary expanders are used for expansion of the breast tissue after mastectomy or ablatio mammae to prepare the reconstruction of the breast. The MeshForce expanders Replicon® and Opticon® expand the skin tissue to provide an optimally fitting pocket for the implants of the same name and shape.

Anatomically shaped mammary expanders improve the aesthetic result of the reconstructed breast. The MeshForce Mammary Expander with its additional interlinked mesh reinforcement of the upper frontal section and the back particularly supports the expansion of the lower part of the breast and prevents over-expansion in the upper quadrants.

Information on Materials

Mammary expanders with integrated valve consist of a silicone-elastomer shell with the POLYtxt® textured surface (pore size: ↓ 200–300µm, Ø 100–400µm).



After implantation, the use of the magnet finder guarantees an easy localization of the integrated valve (Ø 20mm) equipped with a permanent magnet. The

cardanic mechanism of the indicator magnet allows for exact determination of the valve position and the correct direction of the injection. The expander will be filled through the valve – which contains a punction barrier – with physiological (0.9%), sterile, pyrogen-free saline solution using a cannula (Ø ≤ 23G).

Production of the expanders is based on a quality management according to ISO 9001 and ISO 13485. All materials used are of implantable medical quality.

Indications

- Temporary expansion of tissue and skin, e.g. for reconstruction after mastectomy or ablatio mammae
- Temporary expansion of tissue and skin to correct combined breast and thorax deformities, e.g. Poland Syndrome or pectus excavatum

Order n°	Max. Volume (ml)	Dimensions (mm)		
		A	B	C

Replicon® Meshforce Expander – POLYtxt®, with integrated magnetic valve

42637-200	200	101	50	101
42637-300	300	116	56	116
42637-400	400	126	60	126
42637-500	500	136	64	136
42637-600	600	146	68	146
42637-700	700	151	70	151



Opticon® MeshForce Expander – POLYtxt®, with integrated magnetic valve

42647-200	200	111	54	93
42647-300	300	126	60	106
42647-400	400	136	64	114
42647-500	500	146	68	123
42647-600	600	156	72	131
42647-700	700	upon request only		



approximate measurements

POLYTECH Health & Aesthetics Magnet Finder

20738-012



Important Information

Tissue expanders are delivered sterile and individually packed. One magnet finder is included with each product. Additional magnet finders can be ordered separately and will be delivered individually packed and non-sterile.

ATTENTION: expanders with integrated magnets must not be implanted in patients who have pace-makers or patients who need an MRI examination during the implantation period.

Attention: Please note the detailed instructions for use included with each product.

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