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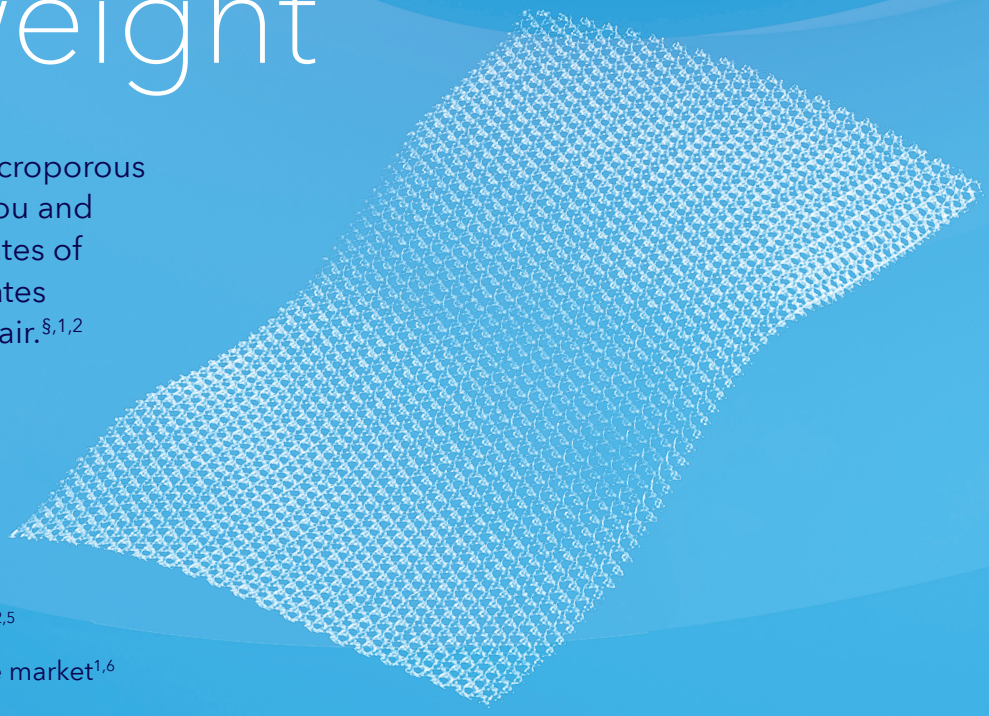
Parietene™ flat sheet mesh

The strength of a heavyweight

Recurrence rates

0.6% at 1 year†,1

3.6% at 5 years‡,2



Parietene™ flat sheet mesh is the macroporous heavyweight polypropylene mesh you and your patients can rely on, with low rates of recurrence and low adverse event rates following abdominal wall hernia repair.§,1,2

Built to meet your needs

- Macroporous structure with multidirectional elasticity[3]
- May be trimmed to size as required◊,4
- Able to be introduced through a trocar¶,1,2,5
- Compatible with most suture types on the market[1,6]

Construction and strength data#,3,7

Mesh properties	Parietene™ flat sheet mesh	Bard™* soft mesh
Pore size	1.7 × 2.0 mm	1.3 × 2.3 mm
Surface density	72 g/m²	37 g/m²
Breaking strength (ball burst)	503 N	304 N
Tensile strength (ball burst)	88 N/cm	70 N/cm
Uniaxial tensile maximum force (warp/weft)	405 N / 311 N	127 N / 248 N
Tear strength (warp/weft)	43 N / 45 N	36 N / 31 N
Suture pull-out strength (warp/weft)	58 N / 64 N	45 N / 44 N

† Based on real world registry data – 323 patients (primary ventral hernia repair) with 1-year follow-up.

‡ Based on real world registry data –192 patients (primary ventral hernia repair) with 5-year follow-up.

§ The adverse events evaluated in the internal report include bowel-related complications, infection, organ injury, pain, and seroma.

◊ Based on benchtop studies. Benchtop testing is not necessarily indicative of human clinical performance.

¶ Tests run with PP3030 in a 12 mm trocar and with PP1515 in a 10 mm trocar. Do not force the mesh through the trocar. Inappropriate insertion may lead to textile damage.

These represent mean values measured on one batch. These values may differ slightly within and between batches. Values also depend on test method.

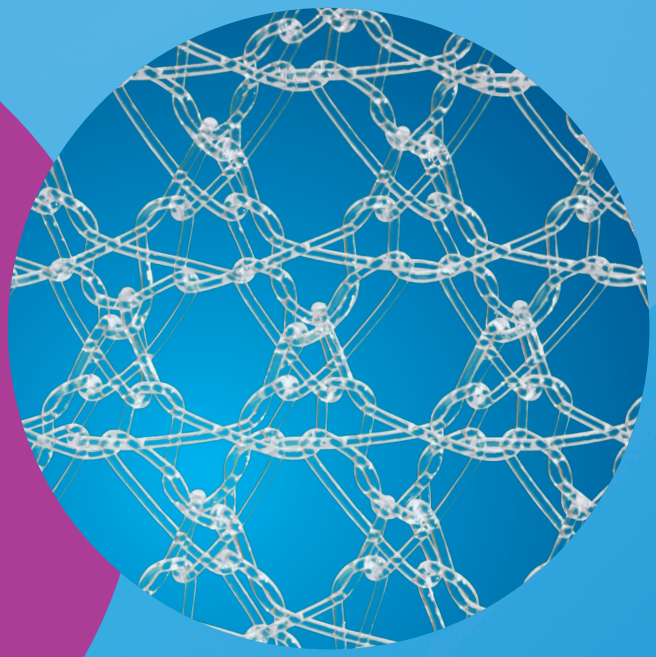
High porosity.[3] Low recurrence rates.[†,1,2]

Available in four sizes, Parietene™ flat sheet mesh is ready to support the needs of you and your patients.

Product code	Product description	Dimensions	Quantity	Compatible trocar size[‡,5]
PP0611X3	Parietene™ flat sheet mesh, monofilament polypropylene	11 × 6 cm	3	10 mm
PP1510X3	Parietene™ flat sheet mesh, monofilament polypropylene	15 × 10 cm	3	10 mm
PP1515	Parietene™ flat sheet mesh, monofilament polypropylene	15 × 15 cm	1	10 mm
PP3030	Parietene™ flat sheet mesh, monofilament polypropylene	30 × 30 cm	1	12 mm

Bring heavyweight performance to your OR.

Contact your Medtronic representative or visit us at **medtronic.com/parieteneflat**



Mesh complications may include but are not limited to acute and chronic pain, extrusion/erosion, hematoma, infection, inflammation, recurrence and/or seroma.

† The adverse events evaluated in the internal report include bowel-related complications, infection, organ injury, pain, and seroma.

‡ Do not force the mesh through the trocar. Inappropriate insertion may lead to textile damage.

References

1. Based on internal report by Köckerling F, Herniamed registry extraction. Parietene™ flat sheet mesh and Parietene™ lightweight mesh. January 2019.
2. Based on internal report by Köckerling F, Herniamed registry extraction. Parietene™ flat sheet mesh, Parietene™ lightweight mesh, other meshes in primary ventral hernia repair 5-years report. September 2023.
3. Based on internal report TEX-FP-049a, Parietene™ flat sheet mesh – finished product textile characterization. October 2019.
4. Based on internal test report TEX-FP-011a, Parietene™ flat sheet mesh – finished product textile characterization. January 2019.
5. Based on internal test report TEX-FP-024b, Parietene™ flat sheet mesh – trocar passage compatibility. July 2020.
6. Based on internal test report TEX-FP-038a, Parietene™ flat sheet mesh – suture compatibility. May 2020.
7. Based on internal test report TEX-FP-108d, Bard™* soft mesh-product characterization. Dec. 2025.

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