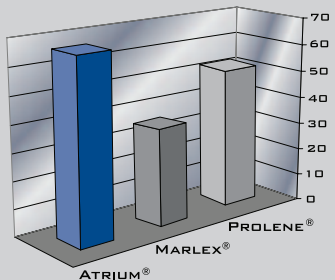
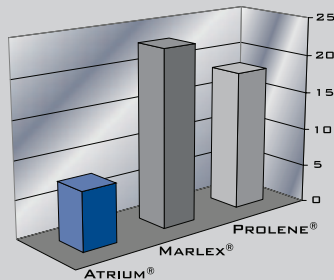


## Proven Performance

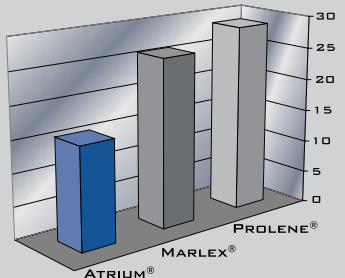
“With the exception of Atrium, the other polypropylene meshes present the most severe inflammation in the contact tissue. The most intensive connective tissue induction was exhibited by Marlex®, followed by Prolene®.”<sup>1</sup>



**HSP-70**  
Measurement of cellular stress response at the tissue cell-mesh fiber interface. The more inert the mesh material, the higher the HSP-70. (Expression of cells)



**Ki67**  
Measures cell proliferation. High Ki67 indicates high cell proliferation which also leads to scar plate formation. (Cell fractions)

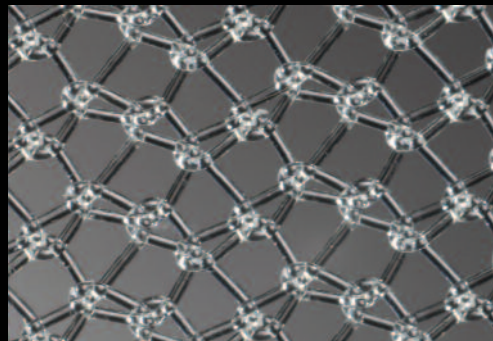


**TUNEL**  
Measures cellular DNA damage caused by foreign body tissue response to mesh material. High TUNEL values mean a high incidence of DNA damage. (Cell fractions)

Klosterhalfen IL, Klinge U, Hermanns B, Schumpelick V. (2000) Pathology of traditional surgical nets for hernia repair after long-term implantation in humans. Der Chirurg 71:43-51

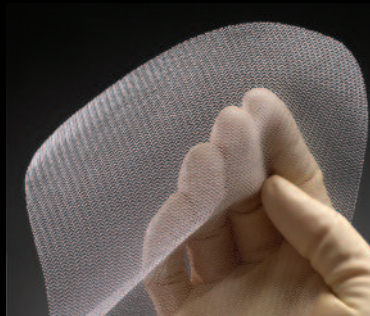
## Low Profile Surgical Mesh

- Unmatched clinical performance.
- Extremely strong knit construction.
- Ideal flexibility and conformability.
- Superior biocompatibility.



Excellent see thru clarity with maximum strength and proven pore size geometry.

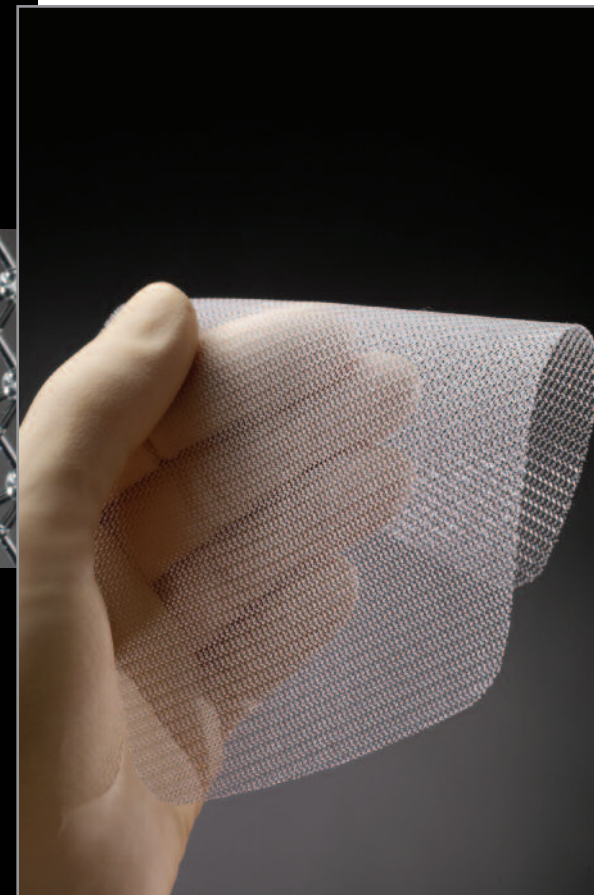
Avg. pore size 800 microns  
Avg. filament weight 6 mil  
Avg. gm/m<sup>2</sup> 85 gm/m<sup>2</sup>



Highly flexible and conformable mesh with laser smooth rounded edges for ease of placement.

**ProLite™ - The first thin wall, low profile laser cut mesh introduced. With well over 1.5 million implants, it is preferred by physicians and patients worldwide.**

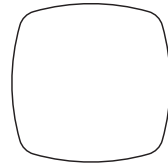
1. Klosterhalfen B, Klinge U, Schumpelick, V (2000) Pathology of Traditional Surgical Mesh for Hernia Repair After Long-Term Implantation in Humans. Der Chirurg 2000, Clinic and Research, 48.  
2. Klinge U, Klosterhalfen B, Müller M, Anurov M et al (1999) Influence of polyglactin-coating on functional and morphological parameters of polypropylene-mesh modifications for abdominal wall repair. Biomaterials 20:613.  
3. Klinge U, Conze J, Limberg W, Brucker C, et al (1996) Pathophysiologie der Bauchdecken. Chirurg 67:229.  
\*Data on file.



Maximum Strength with Unparalleled Clinical and Handling Performance

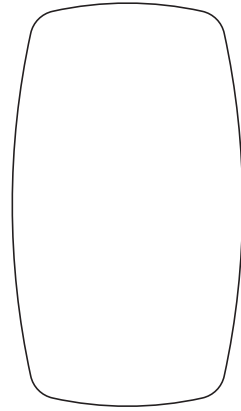


**Square / Round Flat Sheet >**



Qty.	Part No.	Size (in)	Size (cm)	Box Qty.
	1000303-00	3 x 3	7.5 x 7.5	6
	1000606-00	6 x 6	15 x 15	6
	1001212-00	12 x 12	30.5 x 30.5	4

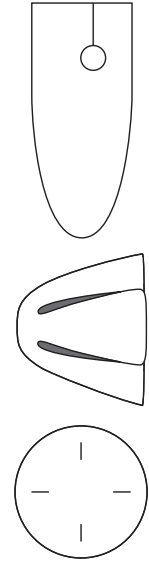
**Rectangle / Oval Flat Sheet >**



Qty.	Part No.	Size (in)	Size (cm)	Box Qty.
	1000103-00	.7 x 3	1.8 x 7.5	6
	1000104-00	1 x 4	2.5 x 10	6
	1000204-00	2 x 4	5 x 10	6
	1000212-00	2 x 12	5 x 30.5	6
	1000306-00	3 x 6	7.5 x 15	6
	1000406-00	4 x 6	10 x 15	6
	1000407-00	4 x 7	10 x 17.8	6
	1001014-00	10 x 14	25.4 x 35.5	4
	1001218-00	12 x 18	30.5 x 45.7	4

Self Forming

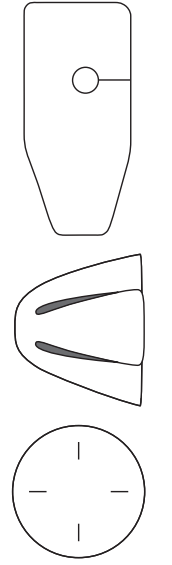
**Plug with Onlay >**



Qty.	Part No.	Size (in)	Size (cm)	Box Qty.
	1010101-01	1.0	2.5	5
	1010202-01	1.25	3.2	5
	1010303-01	1.5	3.8	5
	1010404-01	1.75	4.4	5

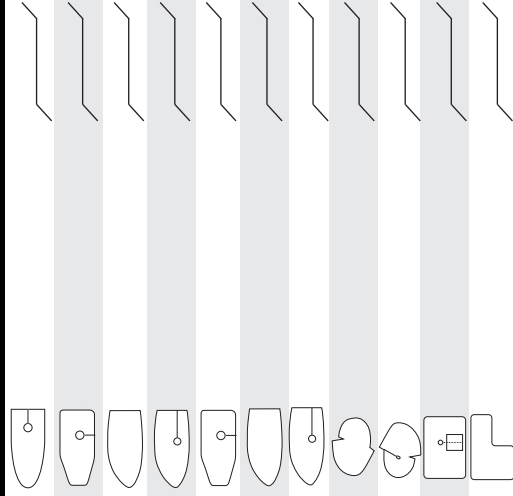
Self Forming

**Plug w/ Keyhole Slit Onlay >**



Qty.	Part No.	Size (in)	Size (cm)	Box Qty.
	1010101-05	1.0	2.5	5
	1010202-05	1.25	3.2	5
	1010303-05	1.5	3.8	5
	1010404-05	1.75	4.4	5
	1010303-06	1.5	3.8	5

**Preshape / Onlay >**



Qty.	Part No.	Size (in)	Size (cm)	Box Qty.
	1000204-01	1.8 x 3.5	4.6 x 8.9	6
	1010204-02	2 x 3.5	5 x 8.9	6
	1010306-01	2 x 4	5 x 10	6
	1010306-02	2 x 4	5 x 10	6
	1010306-04	2.5 x 5	6.4 x 12.5	6
	1010306-05	2.5 x 5.5	6.4 x 13.5	6
	1010306-06	2.5 x 5.5	6.4 x 13.5	6
	1010405-01	4 x 5	10 x 12.5	6
	1010405-02	4 x 5	10 x 12.5	6
	1010305-02	3 x 5	7.5 x 12.5	6
	1010507-01	5 x 7	12.5 x 17.8	6

Signature \_\_\_\_\_

Date \_\_\_\_\_

For Evaluation

For Conversion

Date \_\_\_\_\_



**ATRIUM**



**Prolite™ MESH**  
Polypropylene Monofilament Mesh

ATRIUM MEDICAL CORPORATION

5 Wentworth Drive  
Hudson, New Hampshire 03051 U.S.A.  
☎ 603-880-1433 📠 603-880-6718

ATRIUM EUROPE B.V.  
Rendementsweg 20B  
3641 SL Mijdrecht, The Netherlands  
☎ +31-297-230-420 📠 +31-297-282-653

ATRIUM AUSTRALIA-PACIFIC RIM PTY. LTD.

Level 6, 579 Harris Street  
Ultimo NSW 2007 Australia  
☎ +61-2-8272-3100 📠 +61-2-8272-3199

© Atrium Medical Corporation 2009. All rights reserved. Printed in U.S.A. 8/10 Part #001673E. Atrium and Prolite are trademarks of Atrium Medical Corporation. Marlex®, PerFix® is a registered trademark of DAVOL® Inc. Prolene® is a registered trademark of Ethicon® Inc.

[www.atriummed.com](http://www.atriummed.com)