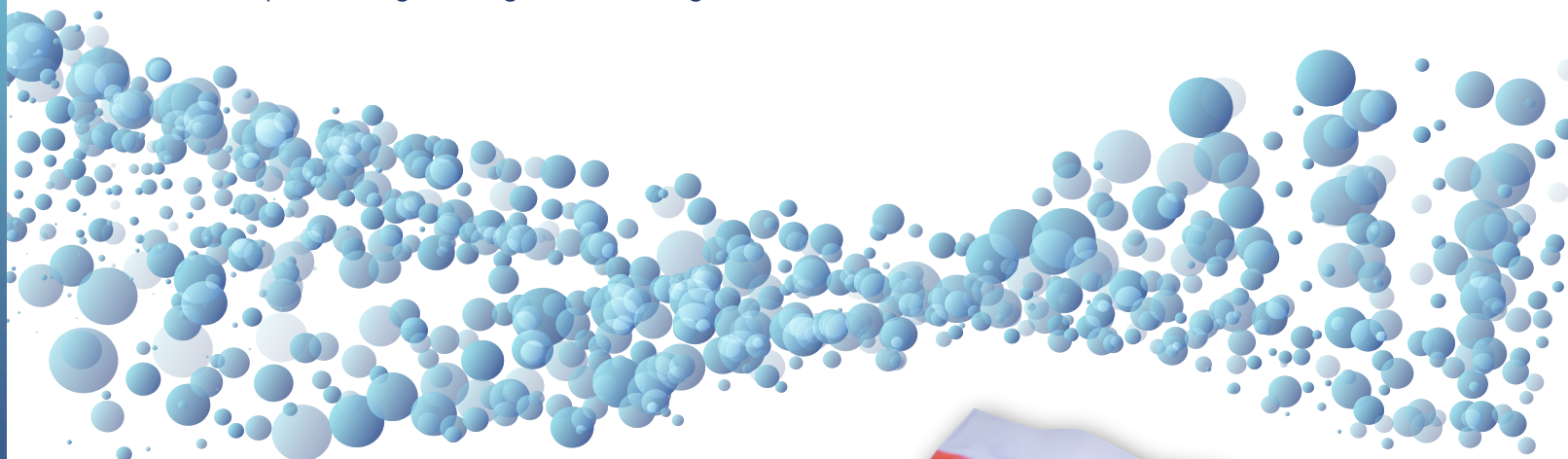


PERMALIFE™ Cell Culture Bags



The OriGen Biomedical® **PERMALIFE** bag is intended for use in cell culture and in protecting, storing, and freezing cells and tissues.



Cell Culture and Cell Expansion Cryopreservation

The single-use disposable bag that provides a high-quality, scalable solution for your cell therapy needs.

CHEMICALLY INERT AND SCALABLE

The PermaLife bag is made of inert Fluoro-ethyl polymer (FEP), which contains no plasticizers or chemical residuals, and is available with scalable working volumes from 10ml to 3000ml.

GAS PERMEABLE, WATER IMPERMEABLE

PermaLife bags are gas permeable and provide a high rate of oxygen, carbon dioxide, and nitrogen transfer to cells under culture*. The bag is water impermeable, so water loss from cell cultures is negligible.

EXCELLENT OPTICAL CLARITY

The PermaLife bag is transparent, allowing observation of the cell culture under a microscope without risking contamination of the culture.

STERILITY OF CELL CULTURE**

Swabbable, needle-free valves are provided on every bag to preserve sterile access and reduce the chance of needle sticks. All bags have one needle-free valve. Bag sizes larger than PL07-2G have one additional port with either a female luer or a PVC spike port. See the next page for additional information.

OUR QUALITY STANDARDS

A Certificate of Conformance (CoC) is included with each PermaLife bag. OriGen's PermaLife bags are CE marked and FDA 510(k) cleared. OriGen is certified to ISO 13485:2016, MDSAP certified, and all products are manufactured to GMP guidelines.

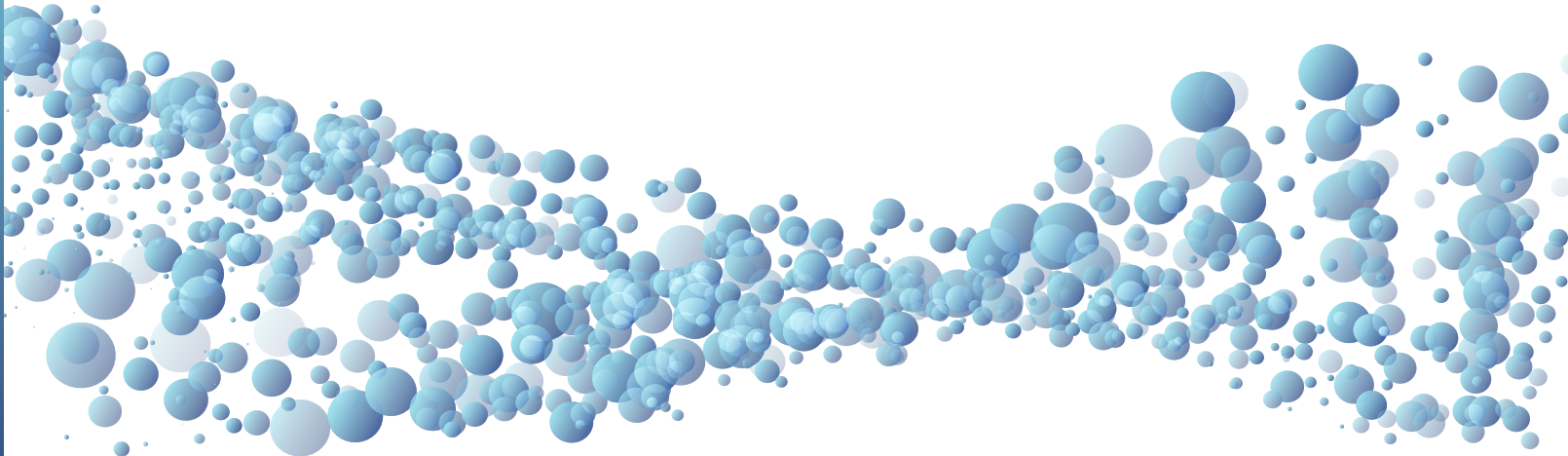
*Permeability has been provided by the manufacturer of the film and has been verified by OriGen on a sample of FEP.

**Sterility of the culture is dependent on appropriate use of aseptic technique.



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TECHNICAL INFORMATION

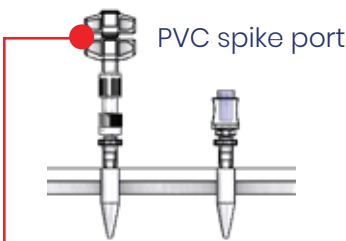


TABLE LEGEND

“P” in the catalog number denotes it includes a PVC spike port. Length & Width of active culture compartment only.

PART CODE	WORKING VOLUME (ml)	WIDTH (cm)	LENGTH (cm)
PL07-2G	10	3	6.4
PL30-2G	40	8.9	6.1
PL70-2G	100	8.9	9.7
PL120-2G	150	8.9	14
PL240-2G	300	14	19.3
PL325-2G	450	14	25.9
PL500P-2G*	750	29.2	18
PL750-2G	1000	29.2	26.4
PL1000P-2G	1500	29.2	35
PL2000P2-2G	3000	45	45.7

*Special order

ORDERING INFORMATION

Sterile, for single use only. Packaged in pouch of one (1). To place an online order, please fill out [this form](#).

CUSTOM PRODUCT DEVELOPMENT PROCESS

OriGen Biomedical is able to develop unique products that meet the requirements of your application. This is done through the OriGen [Custom Product Development Process](#), providing you with solutions tailored to your specific needs. Product configurations which include different connectors and cap materials, multi-port connections, SCD tube sets and more are available. Let OriGen know how we can help improve productivity. Minimum quantities apply.

7000 Burleson Rd, Bldg D | Austin, Texas 78744 | 512.474.7278 | Toll Free 800.233.9014 | sales.us@origen.com | origen.com

CE Marked | FDA Cleared | ISO 13485 Certified | MDSAP Certified | Manufactured to GMP Guidelines

ML13.R04: 2023-4

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