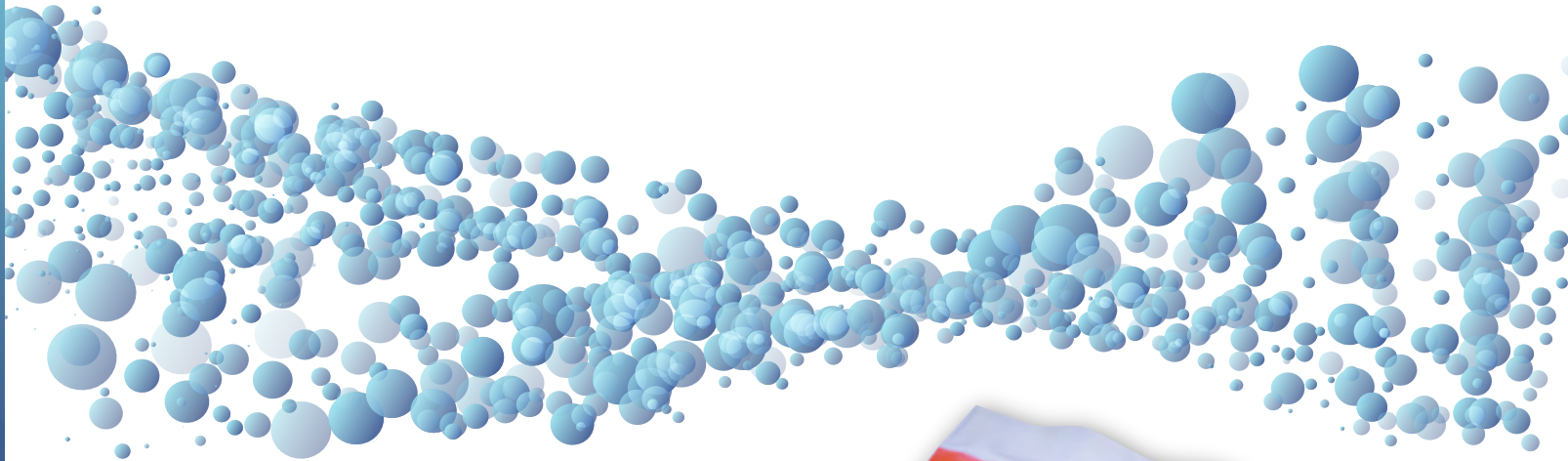


# PERMALIFE™ Cell Culture Bags



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 **PERMALIFE** 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 Biomedical **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.

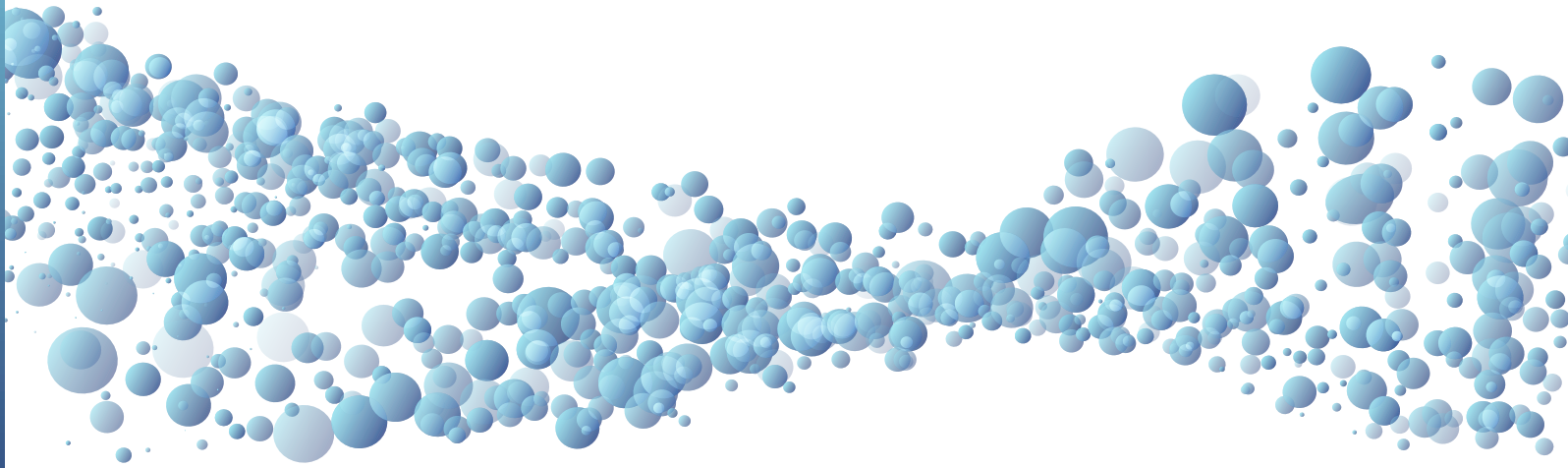
\*Permeability has been provided by the manufacturer of the film and has been verified by OriGen on a sample of FEP.

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

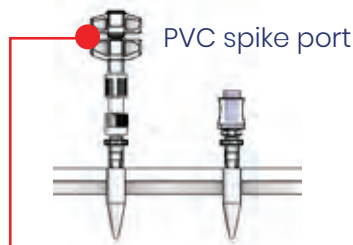


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## TECHNICAL INFORMATION



### 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](mailto:sales.us@origen.com) | [origen.com](http://origen.com)

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

ML13[04]: 2023-4

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