

PermaLife™ Cell Culture Bags

Cell Culture and Cell Expansion
Cord Blood Banking
Genetic Engineering
Vector Production
Cryopreservation



Advantages of the OriGen PermaLife™ Cell Culture Bags

The OriGen PermaLife™ Cell Culture bags represent the optimal way to protect, store and freeze critical cell cultures. Made of inert FEP, the PermaLife™ bag contains no plasticizers or chemical residuals which could leach into and alter delicate cell cultures. Because FEP is inert, antibodies, cytokines, and other genetic material are unaffected by the PermaLife™ bag.

PermaLife™ FEP bags are a closed system, so the possibility of contamination is greatly reduced. PermaLife™ bags are gas permeable, and provide a high rate of oxygen transfer to cells under culture. Additionally, water permeability is very low, so water loss is negligible and humidified incubators are not required.

The PermaLife™ bag has an optical transmission of greater than 95%. Observation of the cultures under a microscope is possible without risking contamination of the culture.

It is also ideal for cryogenic preservation. The PermaLife™ bag remains flexible and there is no significant decrease in mechanical strength at temperatures from cryogenic storage to autoclave.

Swabbable, needle-free valves are provided on every bag to preserve sterile access and reduce the chance of needle sticks. PermaLife™ bags are sold with one female luer and one needle-free valve. The PL07 only has one port and is sold with one needle-free valve. PermaLife™ Catalog numbers including a "P" suffix are sold with a needle-free valve and a PVC spike port.

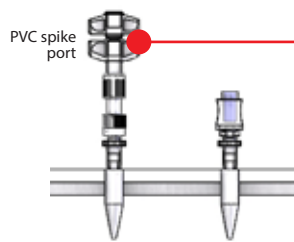
PermaLife™

Cell Culture Bags

Technical Information

Catalog Number	Volume* Nominal	Volume Maximum	Width (cm)	Length (cm)	Surface Area, cm ²	O ₂ ‡	CO ₂ ‡	N ₂ ‡	H ₂ O**	Stock/ Custom
PL 07-2G	7	12	3	6.3	38	44	98	19	0.03	Stock
PL 30-2G	30	50	8.9	6.1	108	126	281	54	0.08	Stock
PL 70-2G	70	145	8.9	9.7	172	199	444	86	0.12	Stock
PL 120-2G	120	265	8.9	14	248	288	643	124	0.17	Stock
PL 240-2G	240	725	14	19.3	540	627	1400	270	0.38	Stock
PL 325-2G	325	1100	14	25.9	725	842	1879	363	0.51	Stock
PL 500P-2G	500	1500	29.21	18	1052	1220	2724	526	0.74	Custom
PL 750-2G	750	1500	29.21	26.5	1548	1796	4010	774	1.08	Custom
PL 1000P-2G	1000	3000	29.21	35	2045	2372	5296	1022	1.43	Custom
PL 2000P2-2G	2000	3000	47	45	4230	4907	10956	2115	2.96	Custom

Table Legend:



"P" in the catalog number denotes it includes a PVC spike port.

Length & Width of active culture compartment only.

* Nominal Volume at 1cm fill thickness, volume in ml

‡ Gas transfer is in ml/ 24 hours @ 25°C, calculated for each bag.

** ml/ 24 hours @ 40°C

Custom Configurations

Custom configurations, labels, different connectors and cap materials, multi-port connections, tube sets and more are all available. Minimum quantities may apply.

Ordering Information:

Sterile, for single use only. Packed and sold individually. To order, contact the office nearest you.



OriGen

BIOMEDICAL

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