

# VueLife™ FEP Bag

Catalog Number: 290-C

## **Dimensions**

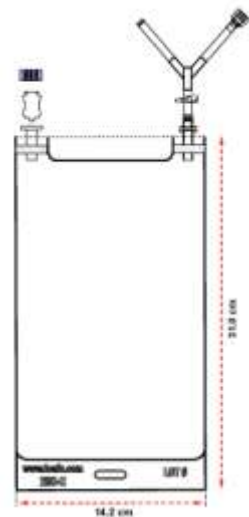
- Volume = 290 ml at 1 cm thick
- Capacity = 1000 ml
- Outside (including port) = 14.2 cm x 31.0 cm
- Inside = 13.4 cm x 25.9 cm
- Surface area (both interior sides) = 694 cm<sup>2</sup>
- Tare Weight = 35 grams

## **Permeability**

- O<sub>2</sub>(gas)(cc/day@37°C) = 213
- CO<sub>2</sub>(gas)(cc/day@37°C) = 492
- N<sub>2</sub>(gas)(cc/day@37°C) = 80
- H<sub>2</sub>O(liquid)(cc/day@37°C) = 0.04

**Description:** This Exclusive Afc Standard Design Culture Container is made from the highest quality USP Class VI materials. The unique design allows access to the culture in a closed system environment with the use of sterile docking equipment. The high permeability to oxygen and carbon dioxide allows respiration without being open to contamination. Pre-attached tubing permits sterile docking and recovery of individual segments without breaking sterility.

- The bag is designed with rounded corners for durability and maximal product recovery.
- Enhanced retrieval of the contents is afforded by the hydrophobic nature of the FEP material.
- Connection to the bag is by means of sterile docking to the PVC tubing or connection via a female luer port.
- The Needle-less Injection Site provides safe and aseptic access to the contents for feeding or sampling. It is swabable and mates with standard male luer fittings or needle adapters.
- Small volumes of cultures may be started in portions of the bag that are partitioned by external clamps. The clamps may be moved to increase the volume as the culture expands and feeding is required.
- The bag is non-reactive with all chemicals and biologicals, including DMSO and DMF.
- FEP will not adsorb or absorb any known chemical or biologic.
- Each container is individually tested and inspected.
- Containers are supplied with a Sterility Assurance Level (SAL) of 10<sup>-6</sup>.



**Applications:** The containers are suitable for the culture of highly concentrated T or NK cells as well as for the maturation of dendritic cells. These culture bags are also used for the expansion of cord blood and for other medical and industrial applications. The FEP material permits direct U.V. and I.R. irradiation of the contents of the bags without breaking sterility.

**Bag Material:** All material conforms to USP Class VI.

- The bag and all materials are (ADCF) animal-derived component free.
- The bag material is .005" thick Fluoro-ethylene-propylene (FEP).
- The bag is optically clear and transmits UV, visible, and IR light.
- The bag is non-immunogenic and free of extractable or leachable materials.

**Pre-attached Tubing:** Consists of standard PVC tubing with a Y connector. The recommended filling technique is by sterile docking to the PVC tubing.

**510(k) cleared. Inquire regarding Device Master File**

**Directions:** 033937, 820.170 (a)

10/02/09



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