

VueLife® “HP” Series



DESCRIPTION:

VueLife® “HP” is the newly designed cell culture bag for closed system, efficient and scalable cell expansion. By using the novel highly permeable “HP” laminate, VueLife® “HP” allows for increased rates of gas transmission as required by rapidly expanding cell types, such as lymphocytes. By developing this laminate using VueLife® FEP as the fluid contact layer, VueLife® “HP” takes advantage of the key properties inherent to fluoropolymers such as purity and biological and chemical inertness.

Each “HP” series bag typically features a needle-less injection site and a “Y” connector with PVC tubing leading to a female luer and a heat-sealed sterile docking tube to greatly reduce the risk of culture contamination while allowing easy access for the introduction of new material. Other types of ports, tubing and connections are available and can be customized to the needs of the user.

APPLICATION:

Culture of suspension cell types with increased gas exchange requirements.

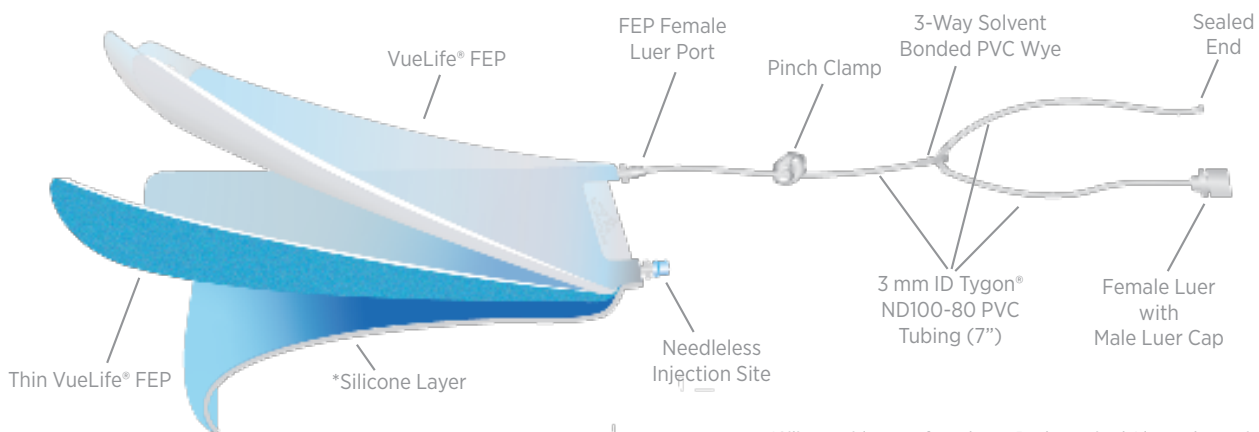
- Not intended for cryogenic applications

FEATURES AND BENEFITS:

- Steam sterilized, SAL 10⁻⁶
- Manufactured in ISO 7 cleanrooms
- Transparent to visible light
- 1 year shelf life
- Closed system
- USP Class VI
- High permeability to oxygen and carbon dioxide
- ADCF/EMEA/410/01 rev. 3

VueLife® “HP” Bag Specifications and Technical Information

| Component Description | Material | Length/Size |
|----------------------------|------------------|--|
| Top Bag Layer | 5 Mil FEP | See VueLife® “HP” Bag Size Specifications Chart |
| Bottom Bag Layer | FEP/Silicone | See VueLife® “HP” Bag Size Specifications Chart |
| Female Luer Barb Connector | PVDF | Female Luer w/ Barb for 0.125" (3.2mm) ID Tubing |
| Small Pinch Clamp | PP | For up to .25" (6.3mm) OD Tubing |
| 3-Way Solvent Bond Y | PVC | 0.161" (4.1mm) OD socket joints |
| Male Luer Barb Connector | PVDF | Male Luer w/ Barb for 0.125" (3.2mm) ID Tubing |
| FEP Retaining Ring | FEP | Ring made from .25" (6.3mm) OD x 0.1875" (4.8mm) ID Tubing |
| Needleless Injection Site | Polycarbonate | 0.142" (3.6mm) ID |
| Female Luer Port | FEP | Female Luer w/ 0.125" (3.2mm) ID |
| Tygon® Non-DEHP Tube | 80 Durometer PVC | 0.158" (4mm) OD x 0.118" (3mm) ID |

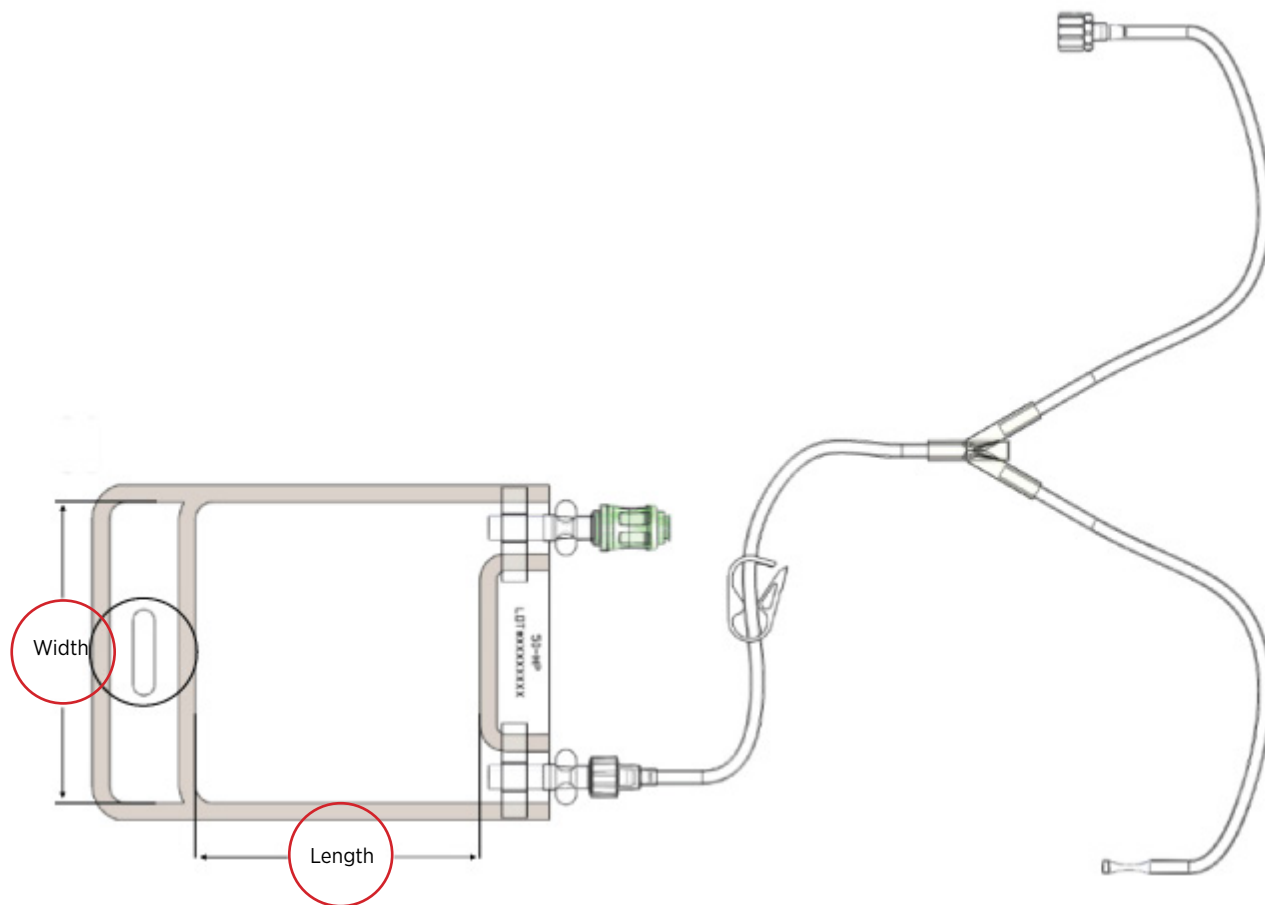


*Silicone side must face down. Rack required (do not lay on incubator shelf)

VueLife® “HP” Bag Size Specifications

| Product | Recommended Process Volume | *Approximate Maximum Fill Volume | Inner Bag Length in (cm) | Inner Bag Width in (cm) | Approximate Surface Area (x2 Bag Face) |
|----------|----------------------------|----------------------------------|--------------------------|-------------------------|--|
| 50-HP | 50 mL | 100 mL | 3.5" (8.9) | 3.3" (8.4) | 150 cm ² |
| 100-HP | 100 mL | 275 mL | 4.8" (12.2) | 4.8" (12.2) | 298 cm ² |
| 200-HP | 200 mL | 600 mL | 5.4" (13.7) | 7.2" (18.3) | 502 cm ² |
| 500-HP | 500 mL | 1,700 mL | 7.5" (19.1) | 10.5" (26.7) | 1,016 cm ² |
| 750-HP | 750 mL | 2,400 mL | 9.5" (24.1) | 10.5" (26.7) | 1,288 cm ² |
| 1,000-HP | 1,000 mL | 4,000 mL | 10.0" (25.4) | 14" (35.6) | 1,806 cm ² |

*The maximum fill volume is a calculated value for the theoretical maximum volume based on the bag dimensions. There is no data supporting usage at this volume. The recommended process volume for cell culture is provided to achieve the optimal 1 cm height when the bag is lying flat. Using a volume above the recommended process volume has not been studied.



ORDERING INFORMATION:

Normally not stocked, built to order Sold as 10 individually packaged sterile bags per pack.

Saint-Gobain Life Sciences:

50 W Watkins Mill Rd
Gaithersburg, MD 20878

Customers should validate this product for their specific application

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Life Sciences products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Life Sciences assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Life Sciences warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

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