



一次性生物技术应用

Disposable Biotechnology Application

北京颇特生物技术有限公司
BEIJING BIO PARTNER BIOTECHNOLOGY CO.,LTD

公司简介

About Us

北京颇特生物技术有限公司(以下简称颇特)成立于2021年, 位于中关村科技园区大兴生物医药产业基地, 是一家集研发、生产和销售于一体的高新技术公司, 公司产品涵盖一次性磁力搅拌袋、储液袋、配液袋、取样袋、冻存袋等, 公司产品质控严格按照ISO9001-2015质量管理体系运行, 参照《药品生产质量管理规范》实施。颇特生物作为生物技术行业的生力军, 以技术创新为驱动, 提供高品质的生物工艺解决方案, 致力于成为全球生物制药企业最信赖的合作伙伴。

Beijing Bio Partner Biotechnology Co.,Ltd is located in Zhong Guan Cun Biomedical Industry Base,Daxing District Beijing China. We are one professional supplier of single use bio reactor bags series which include 2D/3D storage bags 、3D mixing bags 、sampling bags、single-use components etc. The products are used for bio-pharmaceutical,such as vaccine, monoclonal antibody, protein recombination, cellular immunotherapy and other drugs in the production process of preparation, storage, transport etc. Customized size and design will satisfy various demand and requirement.



原材料-RENOLIT9101膜

Raw material-RENOLIT9101 film

RENOLIT 9101膜是一种医用级的高净度共挤膜材，符合工业标准和严格的变更控制管理。具有良好的化学惰性，高性能的机械强度，极高的抗穿刺和抗撕裂性能，超低的析出物水平。

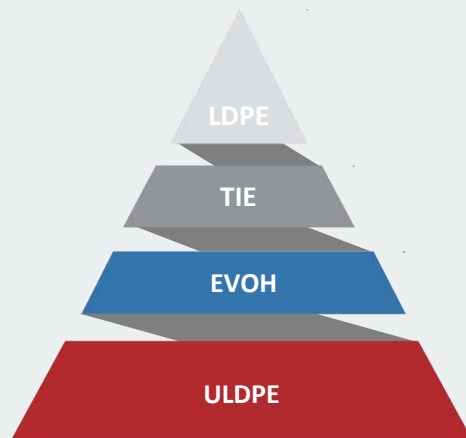
薄膜总厚度达0.325mm,材料主要成分是 PE 和 EVOH。ULDPE作为内表面接触层，符合一般药典规定，且具有较强的洁净度和耐化学性。EVOH作为中间层材料对如氧气，二氧化碳，水蒸气等气体具有高阻隔性。

RENOLIT 9101 film is a medical grade high clarity co-extruded film material that meets industry standards and strict change control management. It has good chemical inertness, high mechanical strength, extremely high puncture and tear resistance, and ultra-low precipitate levels.

The total thickness of the film is 0.325mm, and the main components of the material are PE and EVOH. As the inner surface contact layer, ULDPE meets the requirements of general pharmacopoeia, and has strong cleanliness and chemical resistance. As an intermediate layer material, EVOH has high barrier properties to gases such as oxygen, carbon dioxide and steam



Rely on it.



LDPE-低密度聚乙烯
TIE-粘合剂
EVOH-乙烯-乙烯醇共聚物
ULDPE-超低密度聚乙烯

- 最大的抗折皱开裂性能
- 操作温度：-45°C 至 45°C
- 卓越的气密性
- 极佳惰性接触层，极低析出
- 无动物源成分

POTE 一次性2D储液袋

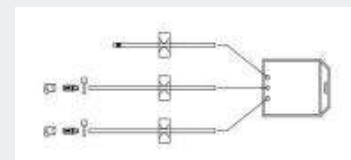
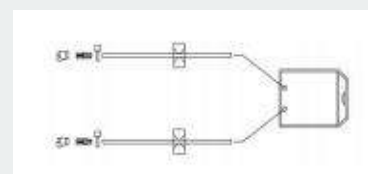
POTE Single-Use 2D storage bag

2D储液袋采用多层共挤膜，保证了良好的物理和化学性能及生物相容性，具有极低的气体透过性，能够完全满足安全配制、储存和转运生物制药工艺中各类敏感液体的需求。

采用双层独立包装以及伽马射线辐照灭菌保证产品的无菌安全性，且每个袋子拥有产品编号，具有可追溯性。

2D storage bags

- Superior film material with the high transparency .
- Gamma ray sterilization irradiation ensures sterility.
- Storage and transport of aseptic solution such as buffer and culture medium .
- Customization of various sizes, suitable for various processes
- Size : 2D 5L-200L



SPEC

SIZE :

5L -50L

5-10L 1/4" *3/8"silicone tube ,50cm .MPC quick joint male/female head and sealing cap, Robert Clip

20L-50L 3/8*5/8"OD silicone tube,50cm, MPC quick joint male/female head and sealing cap, Robert Clip

100L-200L 1/2 "ID*3/4"OD silicone tube , 50CM, MPX quick joint male/female head and sealing cap, Robert Clip

1/8" ID*1/4" OD silicone tube ,20cm needle-free sampling valve and Dust Cap, Robert Clip

POTE 一次性3D储液袋

POTE Single-Use 3D storage bag

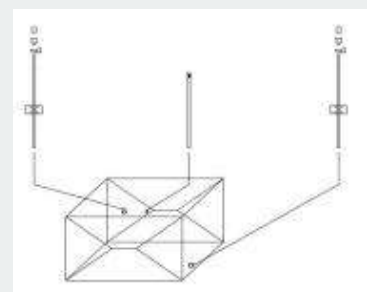
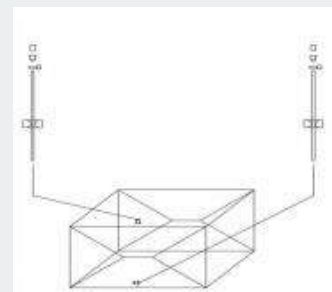
3D方体储液袋有多种类型,可以独立用于缓冲液、培养基、中间品或原液的存储;也可以连接除菌过滤器配套使用。进出液管路可采用LUER(鲁尔)接头、CPC快速接头、Tri-clamp卫生级或无菌连接器。提供多种取样方式,如无针取样器、LUER母接头和医用肝素帽等。



3D storage bags

- Superior film material with the high transparency
- Gamma ray sterilization irradiation ensures sterility.
- Storage and transport of aseptic solution such as buffer and culture medium .
- Customization of various sizes, suitable for various processes.
- Size : 3D 10L-3000L

| Spec | |
|-------------------|---|
| Size | 10L-3000L |
| 10L | 1/4" *3/8" silicone tube,50cm.MPC quick joint male/female head and sealing cap,Robert Clip |
| 20L-50L | 3/8*5/8"OD silicone tube,50cm,MPC quick joint male/female head and sealing cap, Robert Clip |
| 100L-1000L | 1/2 "ID*3/4"OD silicone tube, 50CM,MPX quick joint male head and sealing cap, Robert Clip |
| | 1/8" ID*1/4" OD silicone tube,20cm needle-free sampling valve and Dust Cap, Robert Clip |



POTE 一次性磁力搅拌袋

POTE Single-Use 3D mixing bag

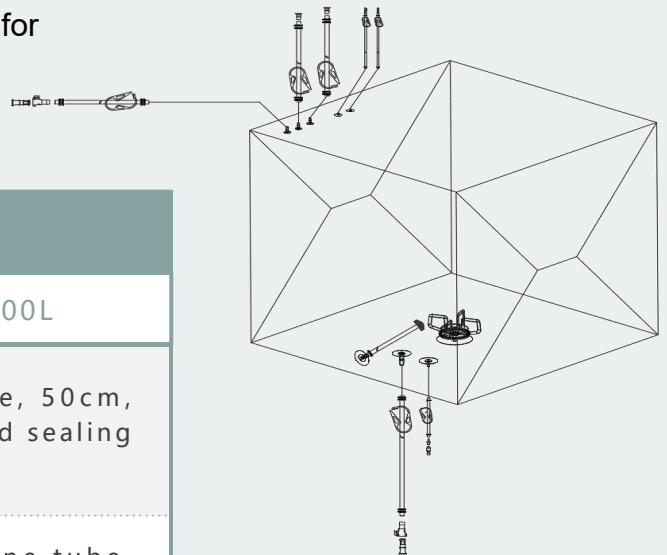
一次性磁力搅拌袋采用RENOLIT多层共挤膜，保证了极低的气体透过性，良好的物理强度，广泛的化学兼容性和生物相容性，从而使其可以安全用于生物制药液体配置和储存。

一次性磁力搅拌袋适配不同磁力搅拌系统，有圆形和方形两种形状，分闭口和敞口两种形状，均采用偏心搅拌，可实现固-液高效混匀，如培养基或高盐溶液配制。



3D mixing bags

- Superior film material with the high transparency .
- Gamma ray sterilization irradiation ensures sterility.
- Appropriate for liquid-solid mixing with magnetic mixing system and liquid-liquid mixing process .
- Customization of various sizes, suitable for various processes.
- Size : 3D 50L-1000L



| Spec | |
|--------------------------|--|
| Size | 50L-1000L |
| 20L-50L | 3/8*5/8"OD silicone tube, 50cm, MPCquick joint male/female head and sealing cap, Robert Clip |
| 100L-1000L | 1/2 "ID*3/4"OD silicone tube, 50CM,MPX quick joint male/female head and sealing cap, Robert Clip |
| Magnetic stirring paddle | |

POTE 一次性无菌取样袋

POTE Single-Use sampling bag

上游细胞培养或微生物发酵过程中，取样是避不可免，又极其关键的一个步骤，用于监控过程参数，确保整个培养过程稳定、安全和可控。可在工艺的任何阶段，无菌、安全地进行取样，实现可靠的工艺监测。

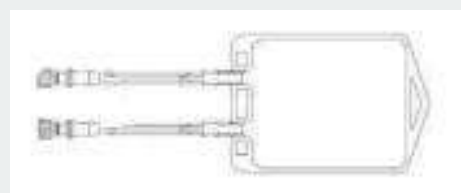
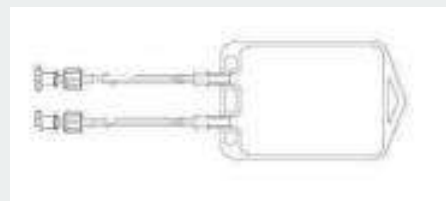
颇特一次性无菌取样系统是将样品从反应釜经 m 流体通道转移至取样袋中。这个过程可实现多通道输送并取样。

POTE sampling bags

- Superior film material with the high transparency .
- Gamma ray sterilization irradiation ensures sterility.
- Enables easy aseptic sampling with minimized risks of cross contamination.
- Customization of various sizes, suitable for various processes.
- Size : 50ml-1000ml

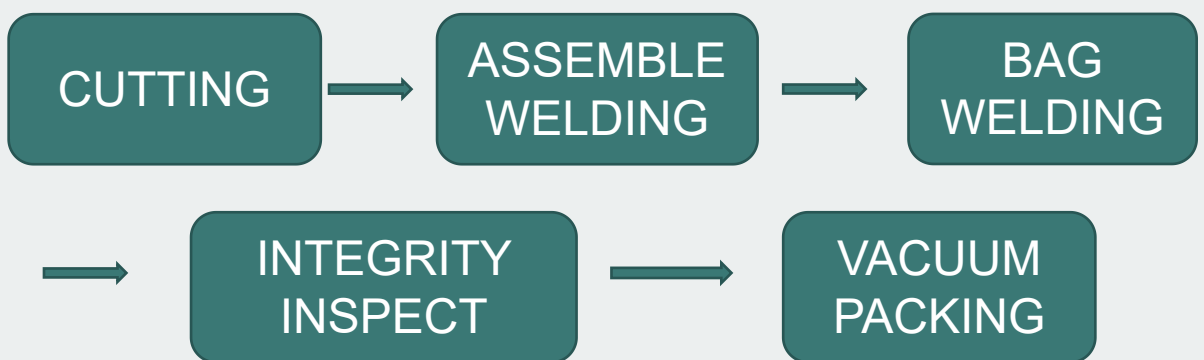


| Spec | |
|--------------|---|
| Size | 50ml-1L |
| 50ml | 1/8" ID*1/4" D silicone tube,20cm MPC quick joint male/female head and sealing cap, Robert Clip |
| 250ml | 1/8" ID*1/4" D silicone tube,20cm MPC quick joint male/female head and sealing cap, Robert Clip |
| | 1/8" ID*1/4" OD silicone tube,20cm needle-free sampling valve and Dust Cap, Robert Clip |





Welding strength inspection



Quality Assurance



北京颇特生物技术有限公司

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