

SPLPermea™ Bag

(#200110/200125/200150)

1. Description

The SPLPermea™ Bag made from the highest quality USP Class VI materials is a simple-to-use and single use device for the culture. The unique design allows access to the culture in a closed system environment which will reduce the possibility of contamination when compared to standard culture wares. The superior permeability to oxygen and carbon dioxide helps to maintain cell viability for a long time and improve cell expansion without the need for changing culture vessel. Additionally, water permeability is very low, so water loss is minimal. This next generation of cell culture bags can be used with greater fill volumes than classical standard cell culture devices having minimal storage and disposal space in CO₂ incubator.

2. Features

- ❖ Transparent for microscopic observation
- ❖ Complied with USP guideline(USP class VI tested)
- ❖ Gas-permeability tested(CO₂, O₂)
- ❖ Leakage tested
- ❖ Manufactured from gas permeable polyethylene
- ❖ Individually packed
- ❖ Ergonomic design to facilitate easy handling and minimize contamination
- ❖ Cap and needle-free valve with silicon septum
- ❖ Cell growth area ranging from 110.5 ~ 325 cm²
- ❖ Available for three different culture volumes
- ❖ Culture bag rack are available (for 250 ml size of bag)

3. Functional Test

Sterility	: Passed
Cytotoxicity	: Passed
Non-Pyrogenic	: Passed
RNase/DNase free	: Passed
DNA free	: Passed

4. Product Range

Cat. No.	Material	Working Volume (ml)	Sterile	Packaging
200110	Permea™ Film	100	+	15 ea/box
200125	Permea™ Film	250	+	10 ea/box
200150	Permea™ Film	500	+	5 ea/box

5. Certification

SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

6. Product Photographs



SPL-TDS-PB

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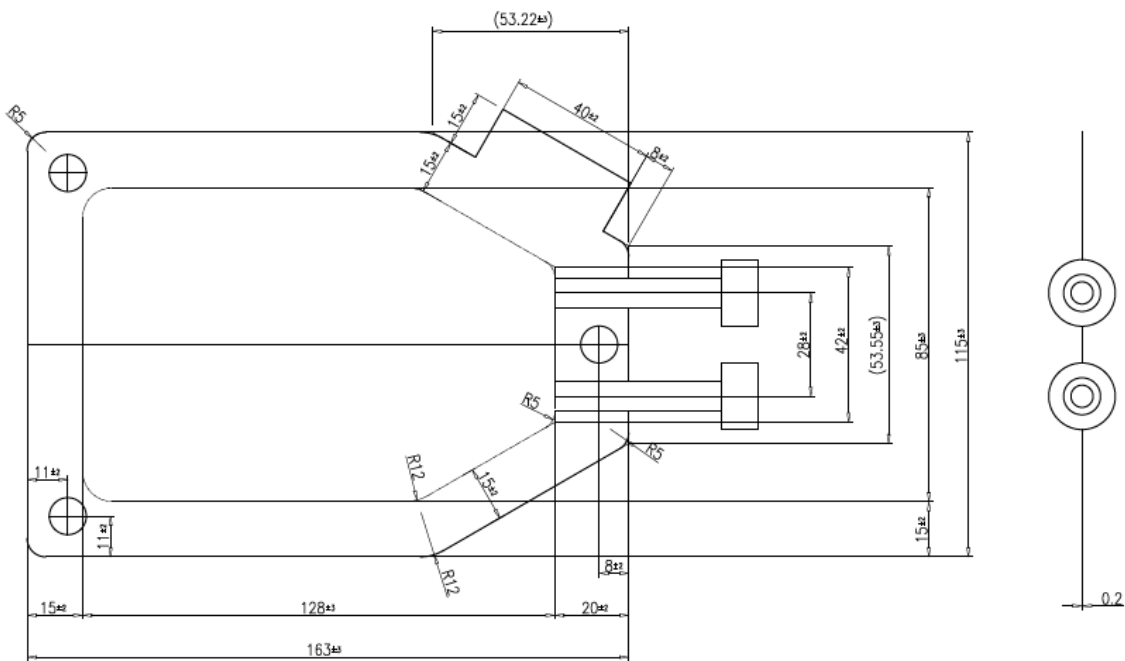
7. Specifications & Technical Drawing

(1) SPLPermea™ Bag-100 ml (# 200110) - Specifications Dimensions

- Specifications

Dimensions		Material (Resin)	Packaging
External Dimensions	Internal Dimensions	▪ Bag: Permea™ Film ▪ Needle valve: Polycarbonate/Silicone (PC/SL) ▪ Cap: High-Density Polyethylene (HDPE)	▪ Pieces/Sleeve: 1 ▪ Pieces/Case: 15
▪ Length: 163 mm ▪ Width: 115 mm	▪ Length: 128 mm ▪ Width: 85 mm		
▪ Total Volume: 100 ml			

- Technical Drawing



(2) SPLPermea™ Bag-250 ml (# 200125) - Specifications Dimensions

- Specifications

Dimensions		Material (Resin)	Packaging
External Dimensions	Internal Dimensions	▪ Bag: Permea™ Film ▪ Needle valve: Polycarbonate/Silicone (PC/SL) ▪ Cap: High-Density Polyethylene (HDPE)	▪ Pieces/Sleeve: 1 ▪ Pieces/Case: 10
▪ Length: 223 mm ▪ Width: 146 mm	▪ Length: 190 mm ▪ Width: 116 mm		
▪ Total Volume: 250 ml			

- Technical Drawing

