

PurpleSelect™

CELL CULTURE FLASKS

- Offered in growth areas of **25 cm², 75 cm², 175 cm², and 225 cm²**, enabling flexibility for scale-up and high-throughput applications
- **E-beam or gamma sterilized** to ensure a sterility assurance level of **10⁻⁶**
- **Vent cap options** equipped with **0.22 µm filter membranes** support effective gas exchange while reducing contamination risk
- **Sealed cap variants** provide a secure, leak-resistant closure to minimize evaporation and external contamination
- **Frosted labeling zones** with dual-side graduation markings for easy identification and volume tracking



- **Description:**

Cell Culture Flasks are designed for the reliable cultivation of both adherent and suspension cell lines under controlled laboratory conditions. Manufactured from premium-grade, optically transparent polystyrene, these flasks deliver consistent performance and clarity for sensitive applications. The specially treated growth surface supports efficient cell attachment and proliferation, making them suitable for biopharmaceutical production, academic research, and regenerative medicine workflows.

- **Quality & Safety Attributes**

-  **Non-Pyrogenic**

Free from pyrogens to ensure safe and reliable cell culture performance

- **DNase- / RNase-Free**

Manufactured to prevent enzymatic contamination that could compromise samples

-  **Non-Cytotoxic**

Certified safe for cells, supporting healthy growth and viability

Technical Specifications

Cat. No.	Area	Working Volume	Cap Type	Max Volume (mL)	Sterile	Pack (pcs×bags)
PBL043	25 cm ²	5–7.5 mL	Vent	50	Yes	12×25
PBL044	75 cm ²	15–22.5 mL	Vent	175	Yes	5×18
PBL045	175 cm ²	35–52.5 mL	Vent	550	Yes	5×10
PBL046	225 cm ²	45–67.5 mL	Vent	800	Yes	5×10
PBL047	25 cm ²	5–7.5 mL	Seal	50	Yes	12×25
PBL048	75 cm ²	15–22.5 mL	Seal	175	Yes	5×18
PBL049	175 cm ²	35–52.5 mL	Seal	550	Yes	5×10
PBL050	225 cm ²	45–67.5 mL	Seal	800	Yes	5×10

- Area = Cell growth area
- Pack = pcs/bag × bags/carton



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Laboratory Needs

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