

PRODUCT DATA SHEET

HIGH EFFICIENCY ErlenMEYER FLASK



Description: 3 L / 5 L, Sterilized (Gamma 25 kGy), Non-sterilized

Purpose: The High Efficiency Erlenmeyer flask, designed for large-volume cell cultures, enhances cell viability, and promotes substantial protein expression in both mammalian and insect cells. Utilizing these flasks during the culturing process significantly boosts the shaker's efficiency, resulting in a noteworthy increase in the utilization rate. Moreover, the survival rate and viability of cells experience a remarkable elevation, contributing to more successful and productive cell cultures.

Advantages:

- Ergonomically designed for easy and comfortable grip
- Wide opening facilitates efficient aeration, enhancing dissolved oxygen levels
- Impressive capacity, accommodating 40-70%, surpassing competitors' products ranging from 30-40%
- Features an integrated, jointless structure for enhanced durability (ISB)

Materials:

Bottle: PC, Color: clear

Cap: HDPE, Color: orange

Membrane: 0.2 μm

Features:

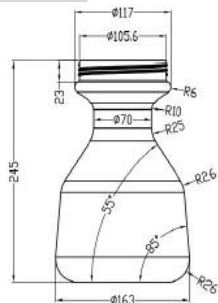
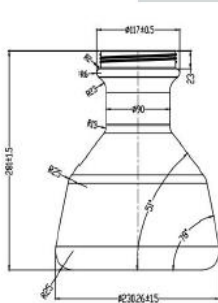
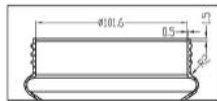
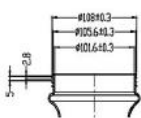
- Temperature: -70~+121°C
- Pyrogen-free, Non-cytotoxic
- Sterilized by gamma irradiation SAL10-6 (ISO 11137)
- Autoclavability: YES
- Recommend Working volume: 40-70%
- Every package case has labeled lot No.
- Validity period: 3 years after the production month
- Manufactured in a Class 10, 000 cleanroom environment
- Manufactured under ISO13485 and ISO9001 and ISO9001:2015 quality management system
- Certification: CE



SEAL CAP



VENT CAP



General technical data

Cat. No.	Volume (mL)	Height (mm)	(B) – Dia Bottom (mm)	(C) – Dia Cap	Recommend working volume (mL)	Pcs/Bag	Pcs/CS
C043005	5000	281	90	230.26	2000 – 3500	1	6
C043003	3000	245	70	163	1120 – 1960	1	12
C044005	5000	281	90	230.26	2000 – 3500	1	6
C044003	3000	245	70	163	1120 – 1960	1	12

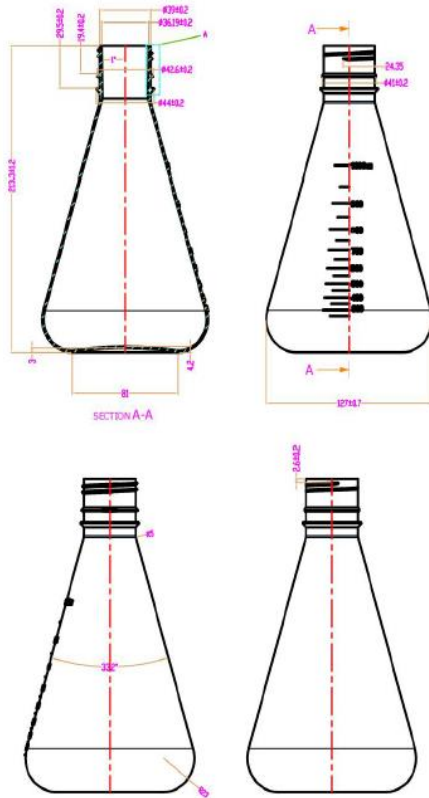
PRODUCT DATA SHEET

ERLENMEYER FLASK-PETG



Description: 125 / 250 / 500 / 1000 mL, sterilized (Gamma 25 kGy), Non-sterilized

Purpose: When utilizing a shaker, this system efficiently reduces viscosity resulting from free DNA and cell debris. The cap is constructed from high-strength HDPE material, featuring both a sealing and a breathable cover. The sealing cover, equipped with a gasket, ensures a secure seal for gas and liquid containment. The breathable cover integrates a hydrophobic membrane filter, primarily designed for sterile gas exchange. This design effectively prevents the ingress and egress of microbes, safeguarding against contamination and ensuring optimal gas exchange for the robust growth of cells or bacteria.



Advantages:

- Ergonomically designed for easy and comfortable grip
- Wide opening facilitates efficient aeration, enhancing dissolved oxygen levels
- Impressive capacity, accommodating 40-70%, surpassing competitors' products ranging from 30-40%
- Features an integrated, jointless structure for enhanced durability (ISB)

Materials:

- Bottle:** PETG, Color: clear
- Cap:** HDPE, Color: orange
- Membrane:** 0.2 µm

Features:

- Temperature: -70~+121°C
- Pyrogen-free, Non-cytotoxic
- Sterilized by gamma irradiation SAL10-6 (ISO 11137)
- Autoclavability: YES
- Recommend Working volume: 25-30%
- Every package case has labeled lot No.
- Validity period: 3 years after the production month
- Manufactured in a Class 10, 000 cleanroom environment
- Manufactured under ISO13485 and ISO9001 and ISO9001:2015 quality management system
- Certification: CE

General technical data

Cat. No.	Volume (mL)	Height (mm)	(B) – Dia Bottom (mm)	(C) – Dia Cap (mm)	Recommend working volume (mL)	Pcs/Bag	Pcs/CS
C030125	125	115.8	66	38.2	29.6	1	24
C030250	250	140.8	83	48.1	29.6	1	12
C030500	500	178.8	101	48.1	29.6	1	12
C030001	1000	216.8	127	48.1	29.6	1	12
C031125	125	115.8	66	38.2	29.6	1	24
C031250	250	140.8	83	48.1	29.6	1	12
C031500	500	178.8	101	48.1	29.6	1	12
C031001	1000	216.8	127	48.1	29.6	1	12

PRODUCT DATA SHEET

ERLENMEYER FLASK-PC



Description: 125 / 250 / 500 / 1000 mL, sterilized (Gamma 25 kGy), Non-sterilized

Purpose: The Erlenmeyer flask is a cell culture container, suitable for suspension culture of cell lines with high oxygen requirement (animal cells, bacteria, fungi, plant callus, etc.)

Advantages:

- Ergonomically designed for easy and comfortable grip
- Wide opening facilitates efficient aeration, enhancing dissolved oxygen levels
- Impressive capacity, accommodating 40-70%, surpassing competitors' products ranging from 30-40%
- Features an integrated, jointless structure for enhanced durability (ISB)

Materials:

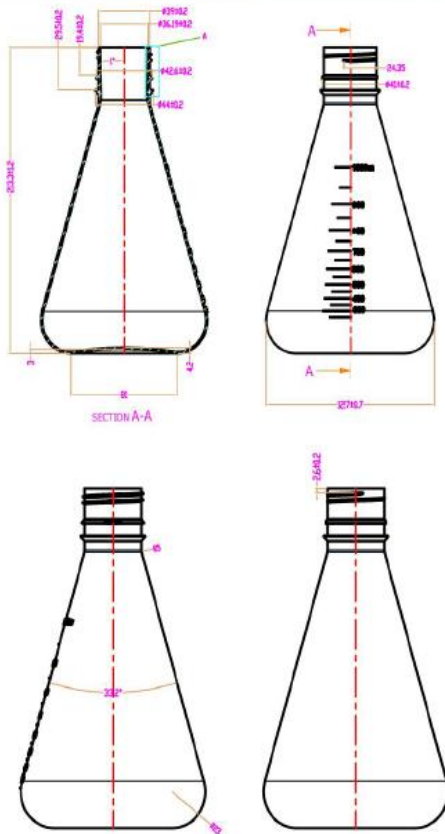
Bottle: PC, Color: clear

Cap: HDPE, Color: orange

Membrane: 0.2 µm

Features:

- Temperature: -70~+121°C
- Pyrogen-free, Non-cytotoxic
- Sterilized by gamma irradiation SAL10-6 (ISO 11137)
- Autoclavability: YES
- Recommend Working volume: 25-30%
- Every package case has labeled lot No.
- Validity period: 3 years after the production month
- Manufactured in a Class 10, 000 cleanroom environment
- Manufactured under ISO13485 and ISO9001 and ISO9001:2015 quality management system
- Certification: CE



General technical data

Cat. No.	Volume (mL)	Height (mm)	(B) – Dia Bottom (mm)	(C) – Dia Cap (mm)	Recommend working volume (mL)	Pcs/Bag	Pcs/CS
C032125	125	115.8	66	38.2	29.6	1	24
C032250	250	140.8	83	48.1	29.6	1	12
C032500	500	178.8	101	48.1	29.6	1	12
C032001	1000	216.8	127	48.1	29.6	1	12
C033125	125	115.8	66	38.2	29.6	1	24
C033250	250	140.8	83	48.1	29.6	1	12
C033500	500	178.8	101	48.1	29.6	1	12
C033001	1000	216.8	127	48.1	29.6	1	12