BIOFIL®

Stock Code: 688026

Cell Culture Products



With numerous international agree leading key core technologies and advanced production processes for laboratory consumables, JET BIOFIL has consistently produced high-quality cell culture products over the more than two decades to ensure agree the best repeatability and the most reliable results in studies, and our products are therefore widely used by researchers. Dozens of surfaces of culture vessels ranging from 0.11 cm^2 to 25,680 cm^2, the cell culture products of JET BIOFIL are suitable for most applications and can meet your different demands for cell culture. Our products are DNase/RNase, pyrogen-free, and non-cytotoxic. They are made of high-quality raw materials that conform to USP Class VI standards and are produced in a Class 100,000 clean workshop in strict accordance with ISO 9001 and ISO 13485. All products have undergone cell line testing and strict quality validation, and they have consistently showed stable performance. These products mainly include cell and tissue culture flasks, cell and tissue culture dishes, cell and tissue culture plates and other products.

Cell and Tissue Culture Flasks

Cell and tissue culture flasks are the most suitable culture vessels for long-term and large-scale laboratory cell culture while preventing contamination. The surface untreated flasks are suitable for suspension cells culture, while those with a TC-treated surface are suitable for common adherent cell lines due to the excellent hydrophilicity of the polystyrene surface. The CellATTACH® superhydrophilic treated surface represents a technical advancement that improves the adhesion and growth of difficult-to-nourish cells, primary cells and transfection cell lines under low serum/serum-free conditions.

- Specification: T12.5 T25 T75 T175 T182 T182 (Extra Height) T225 T300
- Type of Cap: Plug Seal Vent
- Surface: Non-treated TC-treated CellATTACH®-treated
- Materials: Flask Body: Polystyrene (PS) Bottle Cap: High-density Polyethylene (HDPE) Filter Membrane: Polyvinylidene Difluoride (PVDF)/ Polytetrafluoroethylene (PTFE),conforming to USP Class VI standards





Ergonomic cap design-open/close by rotating 1/4 of its full range.



Clear graduations are shown on both sides and the frosted area can be marked.



The tilted bottleneck facilitates liquid pouring, as well as convenient operations of pipettes and cell scrapers.



0.22 μm PTFE hydrophobic vent cap supports gas exchange and prevents cross-contamination.

Features

- Various treated surfaces are suitable for different culture needs
- The hydrophobic vent cap ensures continuous ventilation, and the plug seal cap enables air circulation by rotating 1/4 of its full range
- The tilted bottleneck facilitates easy access of pipets and cell scrapers
- Low profile design supports effective use of the internal space of the incubator when stacked
- The frosted area near the bottleneck can be written on
- Volume graduations molded on both sides
- 100% tested for production line leakage
- Lot No. on the bottom of each flask and package bag for quality traceability
- Sterilized by irradiation, SAL 10^{-6}
- DNase/RNase-free, non-pyrogenic and non-cytotoxic

Cell and Tissue Culture Flasks, Non-treated

Cat. No.	Volume (mL)	Cell Culture Surface Area (cm^2)	Maximum Working Volume (mL)	Type of Cap	Dimensions(mm)				Sterile	Qty. Per Bag	Qty. Per Case
					L	W	H	B.N.D*			
TCF001025	25.0	12.5	8	Plug Seal	73.7	40.4	22.8	14.2	Y	10	200
TCF002025	25.0	12.5	8	Vent	73.7	40.4	22.8	14.2	Y	10	200
TCF001050	50.0	25.0	17.5	Plug Seal	92.9	49.5	29.1	18.2	Y	10	200
TCF002050	50.0	25.0	17.5	Vent	92.9	49.5	29.1	18.2	Y	10	200
TCF001250	250.0	75.0	60	Plug Seal	152.5	81.5	35.2	25.0	Y	5	100
TCF002250	250.0	75.0	60	Vent	152.5	81.5	35.2	25.0	Y	5	100
TCF001175	600.0	175.0	250	Plug Seal	199.9	122.7	49.2	25.7	Y	5	50
TCF002175	600.0	175.0	250	Vent	199.9	122.7	49.2	25.7	Y	5	50
TCF001600	600.0	182.0	125	Plug Seal	219.3	115.7	38.3	29.5	Y	5	40
TCF002600	600.0	182.0	125	Vent	219.3	115.7	38.3	29.5	Y	5	40
TCF101600	600.0	182.0 (Extended)	200	Plug Seal	219.3	115.7	49.5	29.5	Y	5	40
TCF102600	600.0	182.0 (Extended)	200	Vent	219.3	115.7	49.5	29.5	Y	5	40
TCF001225	850.0	225.0	400	Plug Seal	221.9	137.2	49.5	25.7	Y	5	25
TCF002225	850.0	225.0	400	Vent	221.9	137.2	49.5	25.7	Y	5	25
TCF001850	850.0	300.0	200	Plug Seal	269.2	166.0	47.0	29.5	Y	3	18
TCF002850	850.0	300.0	200	Vent	269.2	166.0	47.0	29.5	Y	3	18

* Bottle Neck Diameter

Cell and Tissue Culture Flasks, TC-treated

Cat. No.	Volume (mL)	Recommended Working Volume (mL)	Cell Culture Surface Area (cm^2)	Maximum Working Volume (mL)	Type of Cap	Dimensions(mm)				Sterile	Qty. Per Bag	Qty. Per Case
						L	W	H	B.N.D*			
TCF011025	25.0	2.5-3.8	12.5	8	Plug Seal	73.7	40.4	22.8	14.2	Y	10	200
TCF012025	25.0	2.5-3.8	12.5	8	Vent	73.7	40.4	22.8	14.2	Y	10	200
TCF011050	50.0	5-7.5	25.0	17.5	Plug Seal	92.9	49.5	29.1	18.2	Y	10	200
TCF012050	50.0	5-7.5	25.0	17.5	Vent	92.9	49.5	29.1	18.2	Y	10	200
TCF011250	250.0	15-22.5	75.0	60	Plug Seal	152.5	81.5	35.2	25.0	Y	5	100
TCF012250	250.0	15-22.5	75.0	60	Vent	152.5	81.5	35.2	25.0	Y	5	100
TCF011175	600.0	35-52.5	175.0	250	Plug Seal	199.9	122.7	49.2	25.7	Y	5	50
TCF012175	600.0	35-52.5	175.0	250	Vent	199.9	122.7	49.2	25.7	Y	5	50
TCF011600	600.0	36.4-54.6	182.0	125	Plug Seal	219.3	115.7	38.3	29.5	Y	5	40
TCF012600	600.0	36.4-54.6	182.0	125	Vent	219.3	115.7	38.3	29.5	Y	5	40
TCF111600	600.0	36.4-54.6	182.0 (Extended)	200	Plug Seal	219.3	115.7	49.5	29.5	Y	5	40
TCF112600	600.0	36.4-54.6	182.0 (Extended)	200	Vent	219.3	115.7	49.5	29.5	Y	5	40
TCF011225	850.0	45-67.5	225.0	400	Plug Seal	221.9	137.2	49.5	25.7	Y	5	25
TCF012225	850.0	45-67.5	225.0	400	Vent	221.9	137.2	49.5	25.7	Y	5	25
TCF011850	850.0	60-90	300.0	200	Plug Seal	269.2	166.0	47.0	29.5	Y	3	18
TCF012850	850.0	60-90	300.0	200	Vent	269.2	166.0	47.0	29.5	Y	3	18

* Bottle Neck Diameter

Cell and Tissue Culture Dishes

Cell and tissue culture dishes can be used for culturing plants, animal cells, and microbes. The non-treated surface dishes are suitable for suspension cell cultures, while those with the TC-treated surface are suitable for common adherent cell lines due to the execellent hydrophilicity of the polystyrene surface. The CellATTACH® superhydrophilic treated surface represents a technical advancement that improves the adhesion and growth of fastidious cells, primary cells and transfection cell lines under low serum/serum-free conditions.

- Specification: 18 mm 35 mm 60 mm 60 mm (Center Well) 70 mm 90 mm 100 mm 150 mm
- Surface: Non-treated TC-treated CellATTACH®-treated
- Materials: Polystyrene (PS), conforming to USP Class VI standards

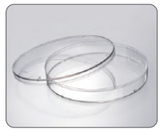




The gear ring design facilities easy gripping during use, thus reducing the risk of contamination



The ring-shaped protrusion of the culture dish cap enables stable stacking



The notched design on the lid's inwall ensures both sterility and air ventilation



The positioning markers at the bottom of the culture dish facilitate the positioning of cells.