

diamond SureGro™

globe™
SCIENTIFIC
BIOSZEPARÁCIÓ KFT.
www.bioszeparacio.hu
info@bioszeparacio.hu

Cell & Tissue Culture Plastics

Quality, consistency, and value for laboratory cell and tissue culture applications.



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Diamond® SureGro™ Cell and Tissue Culture Plastics from Globe Scientific provide quality, consistency, and value for laboratory cell and tissue culture applications. For adherent cell lines, tissue culture (TC) treated options offer a consistent hydrophilic growing surface for dependable cell attachment and growth. Non-treated options provide an ideal solution for suspension culture applications.

Available in flask, dish, and multiple well plate formats, Diamond® SureGro™ cell and tissue culture plastics fit seamlessly into laboratory protocols and processes. Each format is offered in the range of growth surface sizes and volumes to meet application requirements.

All Diamond® SureGro™ cell and tissue culture plasticware is produced from virgin USP Class VI resins in a class 100,000 cleanroom. Diamond® SureGro™ products are sterile, RNase and DNase free, and non-pyrogenic to ensure safety and performance during laboratory cell culture operations. Production quality is managed to ISO 9001 and ISO 13485 standards.

Diamond® SureGro™ Cell Culture Flasks

Diamond® SureGro™ cell culture flasks offer large growing surface and volume options for large volume and long-term laboratory cell culture operations. TC treated flasks have negatively charged, hydrophilic surfaces for excellent cell adherence and are available in both vented and plug seal cap styles. Red vented caps include a 0.22µm hydrophobic filter membrane to allow gas exchange while maintaining sterility inside the flask. Red non-vented plug seal caps can be fully closed for a gas and liquid tight seal or opened ¼ turn for open gas exchange. Non-treated flasks suitable for suspension cultures include white vented caps to readily distinguish them from the red capped TC treated options.

- TC treated cap styles: Red vented and red plug seal
- Non-treated cap style: White vented
- Canted necks allow ready access for pipets and scrapers
- Packaged in self-standing, re-closable bags
- Molded graduations and frosted marking space
- Lot number and expiration are printed on each flask
- Polystyrene (PS) flask with high density polyethylene (HDPE) caps
- Virgin USP Class VI resins
- Produced in class 100,000 cleanroom
- Irradiation sterilized to SAL 10⁻⁶
- RNase and DNase free
- Non-pyrogenic





Diamond® SureGro™ Cell Culture Dishes

Diamond® SureGro™ cell culture dishes deliver flat, consistent, TC treated surfaces for excellent cell adherence and growth. Dishes include lids with molded spacers to allow gas exchange and molded stacking rings for secure stacking of multiple dishes. Lids can be removed for ready access to the growth surface. Select Diamond® SureGro™ cell culture dishes offer gripping rings to facilitate handling while wearing gloves and all dish options include a positioning mark on the dish bottom to assist with cell location and positioning.

- Packaged in self-standing, re-closable bags
- Virgin USP Class VI polystyrene (PS) resin
- Produced in class 100,000 cleanroom
- Irradiation sterilized to SAL 10^{-6}
- RNase and DNase free
- Non-pyrogenic



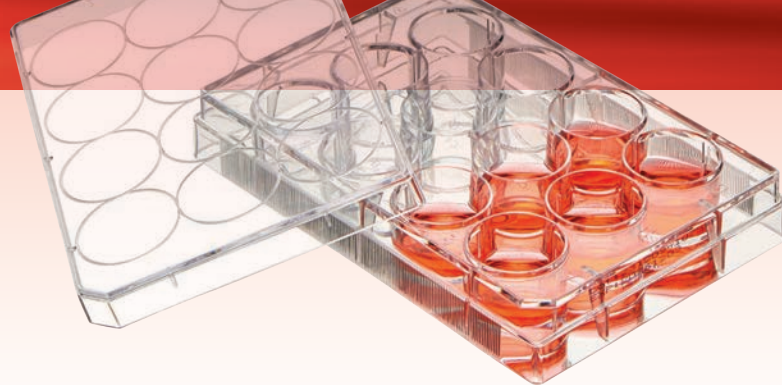
Diamond® SureGro™ Multiple Well Plates

Diamond® SureGro™ multiple well plates provide flat, consistent growing surfaces for ease of viewing and imaging of cells. With both TC treated and non-treated options and a broad range of well configurations and shapes, plates are available for adherent and suspension cell culture as well as subsequent assays. Diamond® SureGro™ multiple well plates are designed with raised rims around each well and matching single direction lids with molded rings that combine to limit evaporation and reduce the risk of cross contamination. Wells have alphanumeric markings for well identification. The plates are engineered to stack for ease of handling and space savings.

- Individually packaged in protective blister packs
- Virgin USP Class VI polystyrene (PS) resin
- Produced in class 100,000 cleanroom
- Lot number and expiration are printed on each plate
- Irradiation sterilized to SAL 10^{-6}
- RNase and DNase free
- Non-pyrogenic



All plates are individually packaged in protective peel back blister packs.



Product Selection Guide

Cell Culture Flasks

Item #	Surface	Closure	Growth Area	Working Volume*	Packaging	Selling Unit
Treated Flasks (Vented)						
TC-FLSK-25-V	TC Treated	Vented	25cm ²	17.5mL	10 per bag, 20 bags per case	200
TC-FLSK-75-V	TC Treated	Vented	75cm ²	60mL	5 per bag, 20 bags per case	100
TC-FLSK-182-V	TC Treated	Vented	182cm ²	125mL	5 per bag, 8 bags per case	40
TC-FLSK-225-V	TC Treated	Vented	225cm ²	200mL	5 per bag, 5 bags per case	25

Treated Flasks (Non-Vented)						
TC-FLSK-25-P	TC Treated	Plug Seal	25cm ²	17.5mL	10 per bag, 20 bags per case	200
TC-FLSK-75-P	TC Treated	Plug Seal	75cm ²	60mL	5 per bag, 20 bags per case	100
TC-FLSK-182-P	TC Treated	Plug Seal	182cm ²	125mL	5 per bag, 8 bags per case	40
TC-FLSK-225-P	TC Treated	Plug Seal	225cm ²	200mL	5 per bag, 5 bags per case	25

Item #	Surface	Closure	Volume	Working Volume*	Packaging	Selling Unit
Non-Treated Flasks (Vented)						
TC-FLSK-25-V-NT	Non-Treated	Vented	50mL	17.5mL	10 per bag, 20 bags per case	200
TC-FLSK-75-V-NT	Non-Treated	Vented	250mL	60mL	5 per bag, 20 bags per case	100
TC-FLSK-182-V-NT	Non-Treated	Vented	600mL	125mL	5 per bag, 8 bags per case	40
TC-FLSK-225-V-NT	Non-Treated	Vented	850mL	200mL	5 per bag, 5 bags per case	25

Cell Culture Dishes

Item #	Surface	Diameter	Height	Growth Area	Working Volume*	Packaging	Selling Unit
Treated Dishes							
TC-DISH-35	TC Treated	35mm	10mm	8.5cm ²	2-3.5mL	10 per bag, 50 bags per case	500
TC-DISH-60**	TC Treated	60mm	15mm	21.2cm ²	4-7mL	10 per bag, 50 bags per case	500
TC-DISH-100**	TC Treated	90mm	15mm	55.0cm ²	10-18mL	10 per bag, 50 bags per case	500
TC-DISH-100XL**	TC Treated	100mm	20mm	60.8cm ²	12-20mL	10 per bag, 30 bags per case	300
TC-DISH-150	TC Treated	150mm	20mm	143.0cm ²	25-50mL	5 per bag, 20 bags per case	100

** Designed with gripping ring.

Multiple Well Plates

Item #	Surface	Well Shape	Well Growth Area	Working Volume*	Packaging	Selling Unit(s)
Treated Plates						
TC-PLT-6	TC Treated	Flat Bottom	9.6cm ²	1.9-2.9mL	Individually Blister Packed	50/100
TC-PLT-12	TC Treated	Flat Bottom	3.85cm ²	0.76-1.14mL	Individually Blister Packed	50/100
TC-PLT-24	TC Treated	Flat Bottom	1.93cm ²	0.38-0.57mL	Individually Blister Packed	50/100
TC-PLT-48	TC Treated	Flat Bottom	0.84cm ²	0.19-0.29mL	Individually Blister Packed	50/100
TC-PLT-96	TC Treated	Flat Bottom	0.33cm ²	0.075-0.2mL	Individually Blister Packed	50/100
TC-PLT-96-R	TC Treated	Round Bottom	0.58cm ²	0.075-0.2mL	Individually Blister Packed	50/100
TC-PLT-384	TC Treated	Flat Bottom	0.1135cm ²	0.01-0.1mL	Individually Blister Packed	50/100

Item #	Surface	Well Shape	Well Capacity	Working Volume*	Packaging	Selling Unit(s)
Non-Treated Plates						
TC-PLT-6-NT	Non-Treated	Flat Bottom	17.00mL	1.9-2.9mL	Individually Blister Packed	50/100
TC-PLT-12-NT	Non-Treated	Flat Bottom	6.80mL	0.76-1.14mL	Individually Blister Packed	50/100
TC-PLT-24-NT	Non-Treated	Flat Bottom	3.50mL	0.38-0.57mL	Individually Blister Packed	50/100
TC-PLT-48-NT	Non-Treated	Flat Bottom	1.55mL	0.19-0.29mL	Individually Blister Packed	50/100
TC-PLT-96-NT	Non-Treated	Flat Bottom	0.39mL	0.075-0.2mL	Individually Blister Packed	50/100
TC-PLT-96-R-NT	Non-Treated	Round Bottom	0.33mL	0.075-0.2mL	Individually Blister Packed	50/100

*Working volumes are recommendations only.