

# Advanced TC™

## An innovative product for the cultivation of fastidious cells

The Advanced TC™ polymer modification changes the plastic surface in a way that increases primary and long-term cell adhesion and positively influences cell-dependant features and function. Enhanced cell attachment and higher proliferation rates facilitate rapid cell expansion even under

restricted growth conditions. Likewise cultivation of sensitive cells is improved and transfected cells exhibit higher transgene activity on Advanced TC™ surfaces.

Due to the reproducibility of the chemical plastic modification maximal product quality can be guaranteed. Moreover, transport and storage at room temperature simplify handling.

### Major applications:

- Cultivation of fastidious and sensitive cells
- Usage of serum-reduced and serum-free media
- Differentiation of semi-adherent cells
- Transfection
- Methods requiring multiple washing steps of cells
- Automation / High-Throughput Screening

### Key Facts

- Optimised cell adherence
- Increased cell yield
- Homogenous cell growth
- Higher transgene activity
- Improved assay consistency
- Non-biological surface, sterile
- Shelf life: 2 years at room temperature



The product range comprises multiwell plates, microplates, dishes and cell culture flasks. To differentiate Advanced TC™ products from our CELLSTAR® products the flasks are delivered with blue screw caps, plates and dishes are labelled with an Advanced TC™ imprint.

➔ For detailed ordering information see reverse side.

Ordering Information			
Cat. No.	Product Description	Quantity per Bag	Quantity per Case
	<b>Microplates</b>		
655 980	96 Well, F-bottom/chimney well, clear, Advanced TC™, sterile, with lid	1	100
655 982	96 Well, F-bottom/chimney well, clear, Advanced TC™, sterile, with lid	10	160
655 983	96 Well, F-bottom/chimney well, white, µclear®, Advanced TC™, sterile, with lid	8	32
655 986	96 Well, F-bottom/chimney well, black, µclear®, Advanced TC™, sterile, with lid	8	32
675 983	96 Well, half area, white, µclear®, Advanced TC™, sterile, with lid	8	32
675 986	96 Well, half area, black, µclear®, Advanced TC™, sterile, with lid	8	32
781 983	384 Well, F-bottom, white, µclear®, Advanced TC™, sterile, with lid	8	32
781 986	384 Well, F-bottom, black, µclear®, Advanced TC™, sterile, with lid	8	32
788 983	384 Well, small volume, loBase, white, µclear®, Advanced TC™, sterile, with lid	15	60
788 986	384 Well, small volume, loBase, black, µclear®, Advanced TC™, sterile, with lid	15	60
	<b>Multiwell Plates</b>		
657 960	6 Well, clear, Advanced TC™, sterile, with lid	1	100
665 980	12 Well, clear, Advanced TC™, sterile, with lid	1	100
662 960	24 Well, clear, Advanced TC™, sterile, with lid	1	100
677 980	48 Well, clear, Advanced TC™, sterile, with lid	1	100
	<b>Cell Culture Dishes</b>		
627 960	Cell culture dish, Ø 35 x 10 mm, Advanced TC™, sterile	10	740
628 960	Cell culture dish, Ø 60 x 15 mm, Advanced TC™, sterile	10	600
664 960	Cell culture dish, Ø 100 x 20 mm, Advanced TC™, sterile	15	360
639 960	Cell culture dish, Ø 145 x 20 mm, Advanced TC™, sterile	5	120
627 975	CELLview™ cell culture dish with glass bottom, 4 compartments, Ø 35 x 10 mm, Advanced TC™, sterile	10	40
627 965	CELLview™ cell culture dish with glass bottom, 1 compartment, Ø 35 x 10 mm, Advanced TC™, sterile	10	40
	<b>AutoFlask™ / Filter Top Cell Culture Flasks</b>		
779 960	AutoFlask™, for automated systems, Advanced TC™, barcode labelling, colour code: blue, sterile	10	100
690 975	Filter top cell culture flask, 25 cm <sup>2</sup> , filter screw cap blue, Advanced TC™, sterile	10	200
658 975	Filter top cell culture flask, 75 cm <sup>2</sup> , filter screw cap blue, Advanced TC™, sterile	4	120
660 975	Filter top cell culture flask, flat design, 175 cm <sup>2</sup> , filter screw cap blue, Advanced TC™, sterile	5	50
661 975	Filter top cell culture flask, high design, 175 cm <sup>2</sup> , filter screw cap blue, Advanced TC™, sterile	4	40
	<b>Standard Cell Culture Flasks</b>		
690 960	Cell culture flask, 25 cm <sup>2</sup> , standard screw cap blue, Advanced TC™, sterile	10	200
658 970	Cell culture flask, 75 cm <sup>2</sup> , standard screw cap blue, Advanced TC™, sterile	5	120
660 960	Cell culture flask, flat design, 175 cm <sup>2</sup> , standard screw cap blue, Advanced TC™, sterile	5	50
661 960	Cell culture flask, high design, 175 cm <sup>2</sup> , standard screw cap blue, Advanced TC™, sterile	4	40