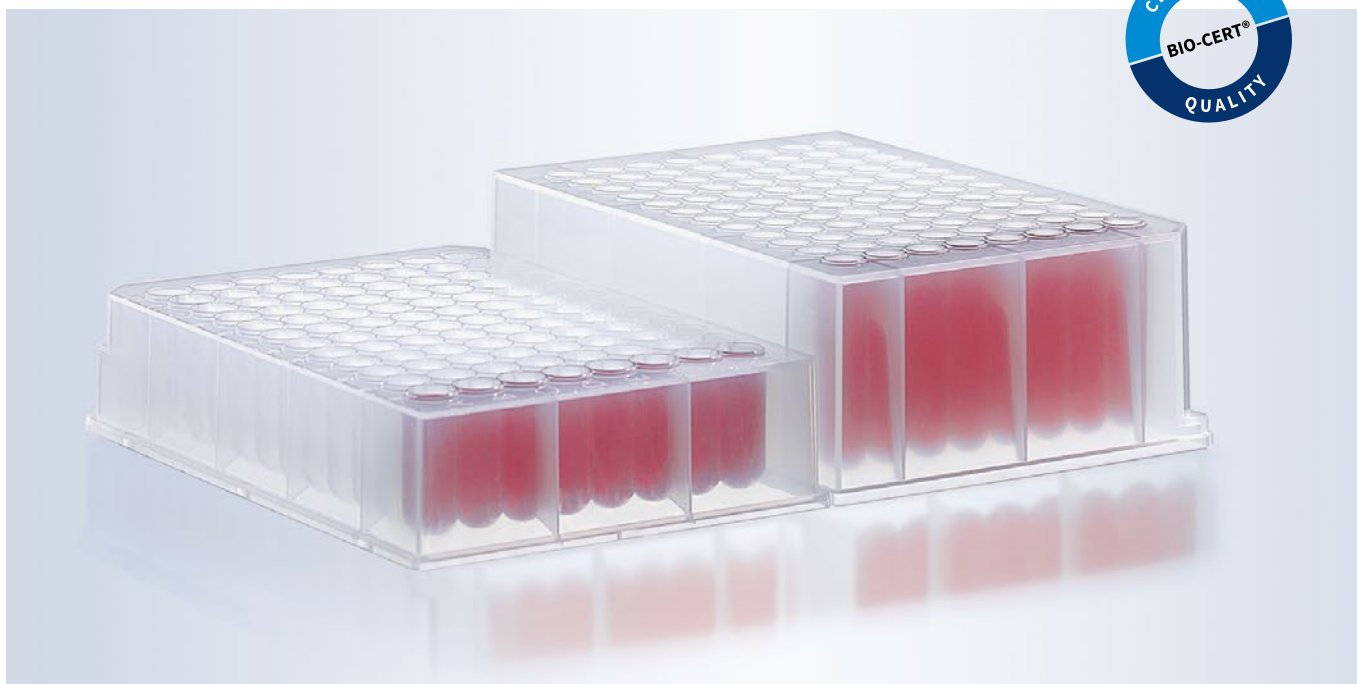


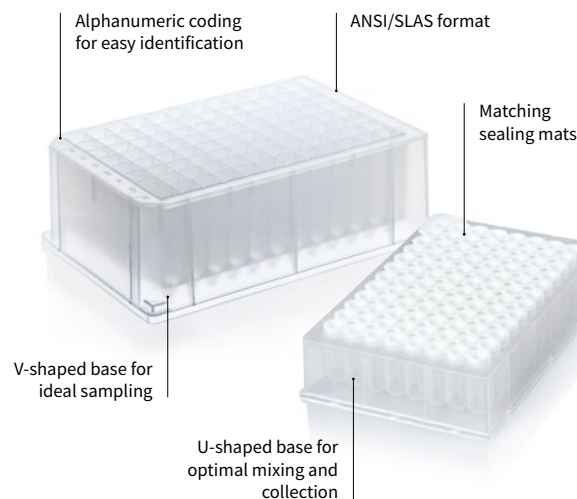
10.3 Deep-well plates, polypropylene



- ✓ Stackable
- ✓ ANSI/SLAS format
- ✓ Alphanumeric coding and cut corners for easy well identification

The compact ANSI/SLAS format allows a large number of samples to be processed at the same time, and allows for automated processing. The format is space-saving and has optimal closure options to ensure secure storage.

With a wide range of plate formats available, there is a BRAND plate to match any application. The low-profile plate is optimized to use storage space efficiently, while the 384-well plate allows handling of a large number of samples in an automated work sequence.



Applications

- + Sample storage
- + Cultivating microorganisms
- + Extracting nucleic acids and proteins
- + Screening tests

Features

- + High-purity polypropylene with very good chemical resistance
- + Optimal sample collection and mixture
- + Usable with multi-channel systems and in automation processes

User information

- Deep-well plates have a standardised ANSI/SLAS format which can be used in automated processes.
- The U-shaped base ensures optimal sample mixture and collection, the V-shaped base enables ideal sampling.
- The raised edges of the well allow for secure closure, protecting against contamination.
- The low-profile plate uses space efficiently with same well volume compared to standard plates. Use this plate for storage when you need to save as much space as possible.
- Barcodes can be applied to the sides for identification. These ensure clear classification and prevent mix-ups. An ordering form for adding barcodes is available:



Adhesive sealing films can also be used. Matching films are available on page 140 and in our online shop at shop.brand.de

Using sealing mats

Working volumes are reduced as follows when using sealing mats:

Deep-well plate [Cat. No.]	Material	Nominal volume [ml]	Max. filling volume with cover mat* [ml]	Sealing mat [Cat. No.]
701346	PP	0.5	0.44	701358
701350	PP	1.1	0.99	701360
701342	PP	1.2	0.97	701360
701340	PP (low profile)	1.1	0.85	701368
701354	PP	2.2	2.09	701362
701355	PP	0.3	0.25	701357

* approx. 2 mm space to the mat

Accessories

Sealing paddle

The sealing paddle helps to apply self-adhesive films. Thanks to its streamlined sides and rounded shape, it rests comfortably in your hand and ensures optimal force transfer. Pack of 2.

Cat. No. 701381



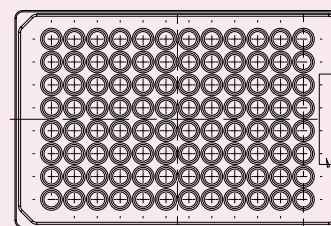
Ordering information for BRAND liquid handling equipment is provided at shop.brand.de



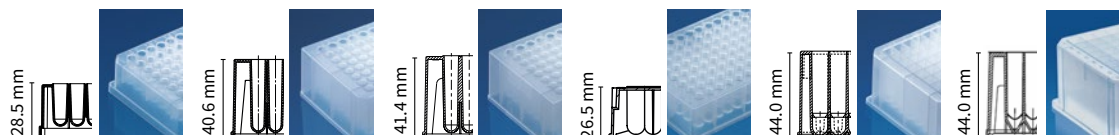
Technical information & Ordering data

96-well deep-well plates made of PP

- Good chemical resistance, for example, to DMSO
- Use at -80 °C to 121 °C
- Autoclavable at 121 °C (2 bar), acc. DIN EN 285
- Free from RNase, DNase, endotoxins and human DNA (except 701340)

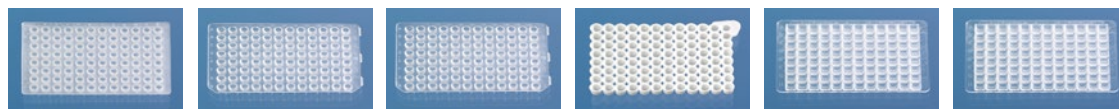


96-well deep-well plates



Capacity	0.5 ml	1.1 ml	1.2 ml	1.2 ml	2.2 ml	2.2 ml
Plate	standard	standard	elevated rim	low profile	standard	standard
Well shape	round	round	round	round	square	square
Bottom	round	round	round	round	round	V-shape
Height [mm]	28.5	40.6	41.4	26.5	44.0	44.0
Pack of	48 pieces	24 pieces	32 pieces	50 pieces	24 pieces	30 pieces
Cat. No.	701346	701350	701342	701340	701354	701353

Cover mats for 96-well deep-well plates



For plate no.	701346	701350	701342	701340	701354	701353
Material	TPE	mod. PE	mod. PE	TPE	EVA	EVA
Autoclavable	yes	no	no	yes	no	no
Pack of	50 pieces	24 pieces	24 pieces	50 pieces	24 pieces	24 pieces
Cat. No.	701358	701360	701360	701368	701362	701362

Lids, PS for 96-well deep-well plates



For plate no.	701346
Material	PS
Pack of	50 pieces
Cat. No.	782152



701340
PS
50 pieces
782152



701354
PS
50 pieces
782152



701353
PS
50 pieces
782152

Matching sealing films are available in our online shop at shop.brand.de



384-well deep-well plates

- Usable with multi-channel systems and in automatic processes
- Usable down to -80 °C
- Free from RNase, DNase, endotoxins and human DNA



384-well deep-well plates

30.2 mm



Capacity	0.3 ml
Well-shape	square
Bottom	V-bottom
Height [mm]	30.2
Pack of	48 pieces
Cat. No.	701355

Cover mats for 384-well deep-well plates

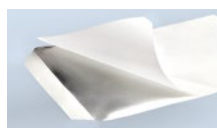


For plate no.	701355
Material	silicone
Autoclavable	yes
Pack of	50 pieces
Cat. No.	701357

Sealing films for 96-well and 384-well plates made of PP

- Temperature stable down to -80 °C
- Tight seal to minimize evaporation
- Remove without residue to easily access samples

Sealing films



Material	Aluminum	Aluminum	Polypropylene
Features	aluminum film can be punctured for easy collection	film strips for 96-well plates	film for PCR and storage
Temperature range	-80 °C to 120 °C	-80 °C to 120 °C	-80 °C to 120 °C
Pack of	100 pieces	300 strips (50 sheets of 6 strips)	100 pieces
Cat. No.	781381	781382	701367