

Sample Storage – efficient, practical and flexible!



# Deep-well Plates

H I G H - T E C H   D I S P O S A B L E S

Deep-well plates from **BRAND** were developed especially for the storage of life science samples. The wide range of plates allows the selective use in various application areas.

- **Stackable and perfectly sealable** with suitable sealing mats or self-adhesive sealing films.
- **According to ANSI/SLAS 1 and 4** for use with multi-channel pipettes and automatic systems.
- **Alphanumeric code** and cut-away corner simplify sample identification and orientation
- **Better visual inspection** thanks to high-transparency polypropylene (PP) and clear polystyrene (PS).





# 96-well Deep-well Plates

**The most important application** for deep-well plates is sample storage (e.g., in substance libraries).

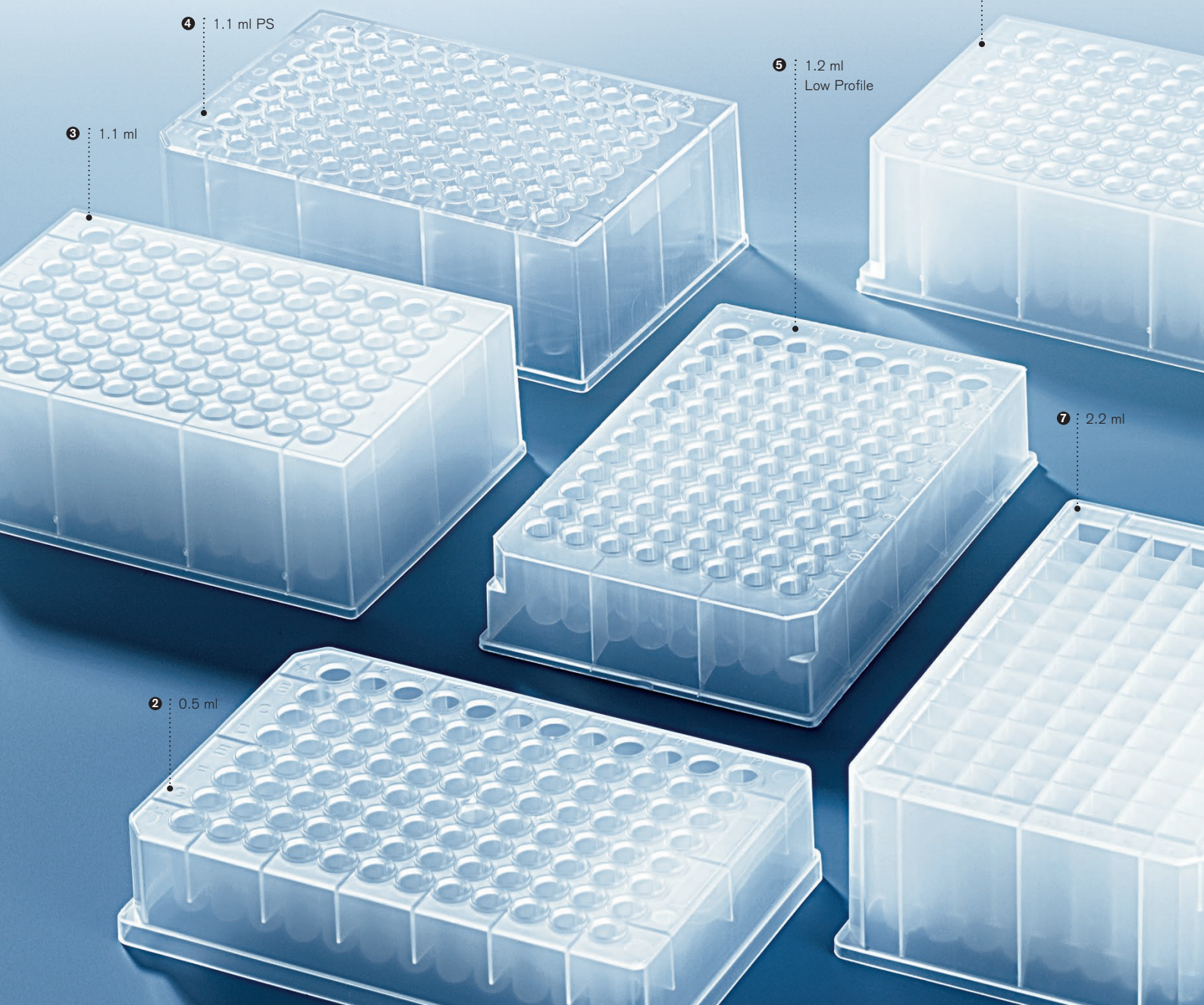
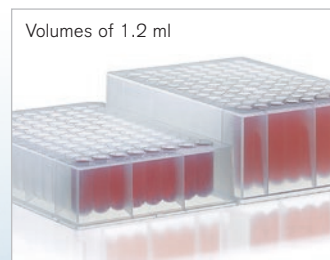
Deep-well plates are an important component in numerous other applications, e.g., cultivation of microorganisms, extraction of nucleic acids and proteins and screening studies.

**Essential quality features** of the deep-well plates made of PP are the use of high-quality medical grade polypropylene and the high chemical resistance, e.g., against DMSO, phenol and chloroform. The ANSI/SLAS 1 and 4 standards permit use with multi-channel pipettes and automatic liquid handling systems from all leading manufacturers.

- Optimal sample mixing and recovery using U-bottom wells
- Temperature range -80 °C to 121 °C
- Autoclavable at 121 °C (2 bar), acc. DIN EN 285
- Free from RNase, DNase, endotoxins and human DNA

## Low Profile deep-well plate:

- Reduced space requirements by about 30% (height only 26.5 mm)
- 15% larger well cross-section (diameter 8.2 mm)



# Ordering Information

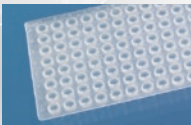
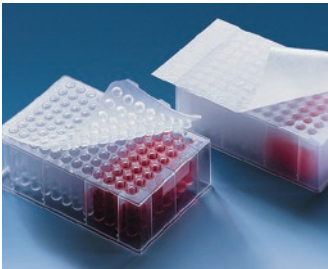
## Plates

Description	Capacity ml	Material	Well shape	Well bottom	Pack of	Cat. No.
❶ 96-well microplate	0.3	PP	●	U	100	7013 30
96-well deep-well plates:						
❷ standard	0.5	PP	●	U	48	7013 46
❸ standard	1.1	PP	●	U	24	7013 50
❹ standard *	1.1	PS	●	U	32	7013 52
❺ Low Profile**	1.2	PP	●	U	50	7013 40
❻ elevated skirt	1.2	PP	●	U	32	7013 42
❼ standard	2.2	PP	■	U	24	7013 54
❾ 384-well deep-well plate	0.3	PP	■	V	48	7013 55

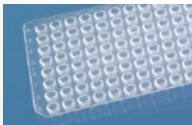
\* not autoclavable, usable down to -20 °C, \*\* not checked for absence of DNA, RNases, and DNases, no medical grade PP

## Sealing Mats

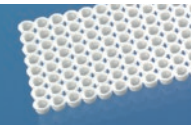
For deep-well plate Cat. No.	Material	Features	Pack of	Cat. No.
7013 46	Polypropylene	Chemical-, acid- and base-resistant, autoclavable, -80 °C to +120 °C	50	7013 58
7013 50 7013 52	Modified Polyethylene	Resistant to chemicals and polar solvents	24	7013 60
7013 40	TPE	Autoclavable, less thermal and dynamic resistance than rubber	50	7013 68
7013 54	EVA	Chemical- and oil-resistant, -40 °C to +100 °C	24	7013 62
7013 55	Silicone	Chemical-resistant, H <sub>2</sub> O-repellent, -80 °C to +120 °C	50	7013 57



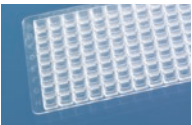
7013 58



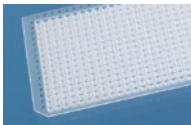
7013 60



7013 68



7013 62



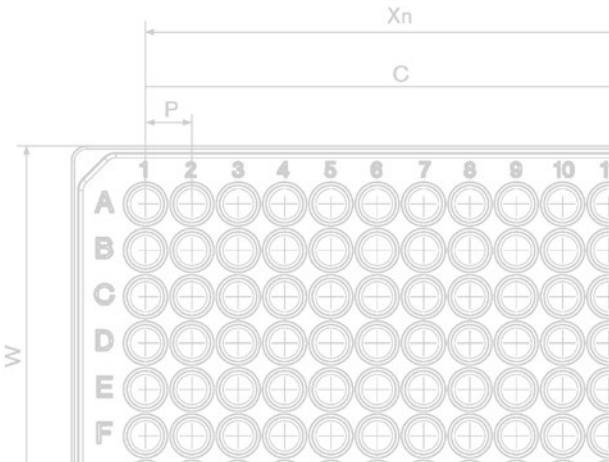
7013 57



96-well microplate,  
up to 0.3 ml



384-well deep-well plate,  
up to 0.3 ml





## Sealing films, self-adhesive

PCR		<b>7013 67</b> (100 sheets) PP, DMSO resistant, transparent, -80 °C to +120 °C		<b>7813 90</b> (100 sheets) PP, transparent, -40 °C to +125 °C		<b>7813 91</b> (100 sheets) Polyester, high transparency, -40 °C to +120 °C
Storage		<b>7013 67</b> (100 sheets) PP, DMSO resistant, transparent, -80 °C to +120 °C		<b>7813 81</b> (100 sheets) Aluminium for cold storage, pierceable, -80 to +120 °C <b>7813 80</b> aluminium roll		
ELISA		<b>7813 90</b> (100 sheets) PP, transparent, -40 °C to +125 °C		<b>7813 91</b> (100 sheets) Polyester, high transparency, -40 °C to +120 °C		
Cell and tissue culture		<b>7013 64</b> (100 sheets) Rayon, non-sterile, gas- permeable, -20 °C to +80 °C <b>7013 65</b> sterile (50 sheets)				
Fluorescence measurement		<b>7013 71</b> (50 sheets) Vinyl, black, light-absorbent, -40 °C to +80 °C				
Luminescence measurement		<b>7013 72</b> (50 sheets) Vinyl, white, reflective, -40 °C to +80 °C				
Automation		<b>7013 70</b> (50 sheets) PE top, PP underside, pierceable, chemically inert, -40 °C to +90 °C				

### Roller

Hard rubber. For simple, even pressure of self-adhesive films. Pack of 1.



Cat. No.

7013 80



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