

10. Headspace Precision Thread ND18

- The times when precision thread vials were mainly used on instruments with magnetic transport mechanism are over. In order to exclude difficulties and risks of a crimping process, instrument manufacturers are striving to make the closing process of the sample bottle and the associated tightness safer and more reproducible.
(Please refer to our compatibility overview on pages 67 - 78 to find out which bottle is especially suitable for which instrument)
- PerkinElmer has now added precision thread vials to its product range for all TurboMatrix 16, 40 and 110 autosamplers built after 01.09.2006.
- This means that almost all current headspace autosamplers (Agilent, CTC, Gerstel, PerkinElmer, Shimadzu, Varian) now offer the possibility of using these vials, which can be used universally for headspace + SPME. Another advantage is the thinner septa compared to the crimp caps, which are easier and more gentle on the needle to penetrate.



10.1 Headspace Precision Thread Vials ND18



HSB180233

10ml Precision Thread Vial ND18, 46 x 22.5mm, clear glass, 1st hydrol. class, rounded bottom

R. vol. 800 µl



HSB180348

10ml Precision Thread Vial ND18, 46 x 22.5mm, amber glass, 1st hydrol. class, rounded bottom

R. vol. 800 µl



HSB180234

20ml Precision Thread Vial ND18, 75,5 x 22.5mm, clear glass, 1st hydrol. class, rounded bottom

R. vol. 800 µl



HSB181183

20ml Precision Thread Vial ND18, 75,5 x 22.5mm, clear glass, 1st hydrol. class, label + filling lines rounded bottom

R. vol. 800 µl



HSB180349

20ml Precision Thread Vial ND18, 75,5 x 22.5mm, amber glass, 1st hydrol. class, rounded bottom

R. vol. 800 µl

100 pcs. per PP-Box

10.2 Magnetic Universal Screw Seals ND18 for Precision Thread Vials

- Precision Thread Vials and Closures now also used on PerkinElmer TurboMatrix 16, 40 and 110 autosampler that have been constructed after 01.09.2006



Art. No. SVB181287 SVB180575 SVB180177 SVB180854 SVB180920 SVB181289 SVB180585

Cap Magnetic Screw Cap silver, 8mm centre hole

Septa Silicone blue/PTFE clear, Silicone blue transparent/PTFE white, Silicone white/PTFE blue, Silicone white/Aluminum foil silver, High-temperature septa (HTS), dark silicone/PTFE, moulded septa Butyl/PTFE, Butyl red/PTFE grey

Hardness 40° shore A, 45° shore A, 55° shore A, 50° shore A, 45° shore A, 50° shore A, 55° shore A

Thickness 3mm, 1,3mm, 1,5mm, 1,3mm, 3,0mm, 3,0mm, 1,6mm

100 pcs. per PE-Bag

10.3 Septa 17,5mm for Magnetic Universal Screw Seals ND18



Art. No. SEB170708 SEB170707 SEB170591 SEB170855 SEB170919 SEB170584

Septa Silicone white/PTFE red, Silicone blue transparent/PTFE white, Silicone white/PTFE blue, Silicone white/Aluminum foil silver, High Temperature Septa (HTS), Silicone dark-red/PTFE, Butyl red/PTFE grey

Hardness 45° shore A, 40° shore A, 55° shore A, 50° shore A, 45° shore A, 55° shore A

Thickness 1,3mm, 1,3mm, 1,5mm, 1,3mm, 3,0mm, 1,6mm

100 pcs. per PE-Bag

