

La-Pha-Pack[®]

Waters Consumables Brochure



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Part of Thermo Fisher Scientific

Consumables for HPLC compatible with Waters instruments



**Alliance®, Aquity UPLC™,
Alliance® 2690/2695,
Alliance® 2790/2795,**



Short Thread ND9

Photo								
LPP No.	11 09 0500 11 09 1241	11 09 0519	11 09 0520 11 09 1242	11 09 0620* 11 09 2178	11 09 2357	11 09 2275	11 09 2746	11 09 1957
See Waters No.	186000273DV (alt.)	186000273	186000848 186000848DV	186002802		186002805 (alt.)		186002803 (alt.)
Volume	1.5ml	1.5ml	1.5ml	1.1ml	0.3ml	1.1ml	1.5 ml	0.2ml
Type	Short Thread, wide opening	Short Thread, wide opening	Short Thread, wide opening	Short Thread	Short Thread	Short Thread	Short Thread Vial with overwind-barrier	Short Thread Vial with flused-in Insert
Dimensions	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm
Glass / class	Clear, 1 st	Clear, 1 st	Amber, 1 st	Clear, 1 st	Clear, 1 st	Clear, 1 st	Clear, 1 st	Amber, 1 st
Features	Silanized version	Label + filling lines	Label + filling lines Silanized version	15µl inner cone in the bottom Silanized version	„Base Bonded“	Total Microliter	SureStop	Label + filling lines
PU per PP-Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.

LC + LC/MS

*: not suitable for Alliance® 2690/2695

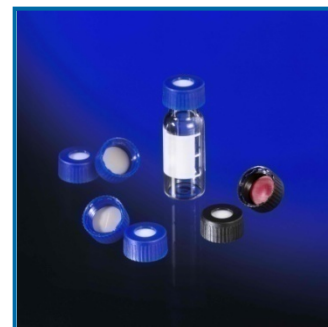
Plastics Vials ND9

Photo								
LPP No.	11 14 1189 11 14 1265	11 14 1655 11 14 1694	11 19 1205	11 19 1516	11 19 0932	11 19 1216	11 19 1021	11 19 1706
See Waters No.	186002804 (alt.)	186002803 (alt.)			186002626			186002634
Volume	0.2ml	0.2ml	1.5ml	1.5ml	0.3ml	0.3ml	0.3ml	0.7ml
Type	Short Thread Neck TPX Vial with integrated glass Insert (TopSert)	Short Thread Neck TPX Vial with integrated glass Insert (TopSert)	Short Thread, PP	Short Thread, PP	Short Thread, PP	Short Thread, PP	Short Thread, TPX	Short Thread, PP
Dimensions	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm
Glass / class	TPX / Clear, 1 st	TPX / Amber, 1 st	Transparent	Amber	Transparent	Amber	Crystal Clear	Transparent
Features	Silanized version	Silanized version	Filling lines	Filling lines	Inner cone	Inner cone	Inner cone	Cylindrical insert
PU per PP-Box/ Per PE-Bag	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.

Consumables for HPLC compatible with Waters instruments






Alliance®, **Aquity UPLC™**,
Alliance® 2690/2695,
Alliance® 2790/2795,






UltraBond Seals ND9

(Cap + septa form an unseparable unit, so that even blunt needles cannot push these septa into the vial during penetration)

Photo			
LPP No.	09 04 1533	09 04 1534	09 04 1220
See Waters No.	186000274	186000305	
Description	Blue cap, Silicone beige/PTFE white, 45°shore A, 1.3mm	Blue cap, Silicone beige/PTFE white, slitted, 45° shore A, 1.3mm	Black cap, Silicone white/PTFE red, 45° shore A, 1.3mm
PU per PE-Bag	100 pcs.	100 pcs.	100 pcs.

LC + LC/MS

9mm Short Thread Seals, different colours available, 6mm center hole, assembled with

Photo			
LPP No.	09 15 0838	09 15 2016	09 15 0869
See Waters No.	186000274 (alt.)		186000305 (alt.)
Description	Blue cap, Silicone white/PTFE red, 55°shore A	Blue cap, Silicone white/PTFE red, Pre-cut, 55° shore A	Blue cap, Silicone white/PTFE blue, slitted, 55° shore A
PU per PE-Bag	100 pcs.	100 pcs.	100 pcs.

Vial Racks for all types of 1.5ml vials

LPP No.	See Waters No.	Type	Cavities / Ø	Dimensions
12 21 1001	200000114 (24 Pos.) (alt.) 405000562 (48 Pos.) (alt.)	For all 1.5ml Vials	50 / 12mm	173 x 95 x 20mm

Vial Racks for all types of 1.0ml shell vials

08 21 1000		For all 1ml Shell Vials	50 / 8.5/3mm	173 x 95 x 20mm
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Vial Racks for all types of 4ml screw neck vials + shell vials

15 21 1664		For all 4ml Vials	40 / 15.1mm	175.8 x 115.5 x 20mm
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Consumables for HPLC compatible with Waters instruments



**Alliance[®], Aquity UPLC[™],
Alliance[®] 2690/2695,
Alliance[®] 2790/2795,**



2in1 Kits (100 vials and 100 seals unassembled in a blue box)

LPP No.	See Waters No.	Description	Vial included in the Kit	Seal included in the Kit
Short Thread Vials ND9 and Seals				
11 24 1865	186002635	0.7ml transp. PP vial; blue UltraBond seal with Silicone beige/PTFE white	11 19 1706	09 04 1533
11 24 1866	186002636	0.7ml transp. PP vial; blue UltraBond seal with Silicone beige/PTFE white, slitted	11 19 1706	09 04 1534
11 24 1643	186002639	0.3ml transp. PP vial; blue UltraBond seal with Silicone beige/PTFE white, slitted	11 19 0932	09 04 1534
11 24 1864	186002640	0.3ml transp. PP vial; blue UltraBond seal with Silicone beige/PTFE white	11 19 0932	09 04 1533
11 24 1859	186000272C	Clear vial w. label + filling lines; blue UltraBond seal with Silicone beige/PTFE white	11 09 0519	09 04 1533
11 24 1860	186000307C	Clear vial w. label + filling lines; blue UltraBond seal with Silicone beige/PTFE white, slitted	11 09 0519	09 04 1534
11 24 1862	186000326C	Microliter Vial clear, with 0.15 µl inner cone; blue UltraBond seal with Silicone beige/PTFE white	11 09 0620	09 04 1533
11 24 1863	186000327C	Microliter Vial clear, with 0.15 µl inner cone; blue UltraBond seal with Silicone beige/PTFE white, slitted	11 09 0620	09 04 1534
11 24 1861	186000846C	Amber vial w. label + filling lines; blue UltraBond seal with Silicone beige/PTFE white	11 09 0520	09 04 1533
11 24 1696	186000847C	Amber vial w. label + filling lines; blue UltraBond seal with Silicone beige/PTFE white, slitted	11 09 0520	09 04 1534
11 24 2140	186004132C	Clear vial w. label + filling lines; 9mm transparent MS-Cap, septaless	11 09 0519	09 08 2000
11 24 1238	600000668CV	Clear vial w. label + filling lines; blue cap with Silicone white/PTFE blue, slitted	11 09 0519	09 15 0869
11 24 1573	600000669CV	Amber vial w. label + filling lines; blue cap with Silicone white/PTFE blue, slitted	11 09 0520	09 15 0869
11 24 1129	600000670CV	Microliter Vial clear, with 0.15 µl inner cone; blue cap with Silicone white/PTFE blue, slitted	11 09 0620	09 15 0869
11 24 1891	600000749CV	Microliter Vial clear, with 0.15 µl inner cone; blue cap with Silicone white/PTFE red	11 09 0620	09 15 0838
11 24 1143	600000751CV	Clear vial w. label + filling lines; blue cap with Silicone white/PTFE red	11 09 0519	09 15 0838
11 24 1342	600000752CV	Amber vial w. label + filling lines; blue cap with Silicone white/PTFE red	11 09 0520	09 15 0838

LC + LC/MS

Pre-assembled Vials in a transparent box (for dissolution system)

LPP No.	See Waters No.	Description	Vial being assembled	Seal being assembled
Short Thread Vials ND9 and Seals				
11 14 1867	186003455 / 100	Amber vial w. label + filling lines pre-assembled with UltraBond Seal, blue cap, Silicone beige/PTFE white, slitted	11 09 0520	09 04 1534
11 14 2103	186000989 (alt.) / 100	Clear vial w. label + filling lines pre-assembled with UltraBond Seal, blue cap, Silicone beige/PTFE white, slitted	11 09 0519	09 04 1534

Consumables for HPLC compatible with Waters instruments



**Alliance®,
Alliance® 2690/2695,
Alliance® 2790/2795,**



Crimp Neck ND11

Photo								
LPP No.	11 09 0356 11 09 2085	11 09 0476	11 09 0477 11 09 1767	11 09 0619 11 09 2177	11 14 1190 11 14 1266	11 14 1656 11 14 1695	11 09 0921	11 09 1956
See Waters No.	WAT094222		WAT094223	186000984				
Volume	1.5ml	1.5ml	1.5ml	1.1ml	0.2ml	0.2ml	0.2ml	0.2ml
Type	Crimp Neck, wide opening	Crimp Neck, wide opening	Crimp Neck, wide opening	Crimp Neck	Crimp/Snap Neck TPX Vial with integrated glass Insert (TopSert)	Crimp/Snap Neck TPX Vial with integrated glass Insert (TopSert)	Crimp Neck Vial with fused-in Insert	Crimp Neck Vial with fused-in Insert
Dimensions	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm
Glass / class	Clear, 1 st	Clear, 1 st	Amber, 1 st	Clear, 1 st	TPX / Clear, 1 st	TPX / Amber, 1 st	Clear, 1 st	Amber, 1 st
Features	Silanized version	Label + filling lines, Silanized Version	Label + filling lines, Silanized version	15µl inner cone in the bottom, Silanized version	Silanized version	Silanized version	Label + filling lines	Label + filling lines
PU per PP-Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.

*: not suitable for Alliance® 2690/2695

LC + LC/MS

Crimp Neck ND11 (cont.)

Photo		
LPP No.	11 09 2353	11 09 2276
See Waters No.		186000302 (alt.)
Volume	0,3ml	0,9ml
Type	Snap Ring, wide opening	Snap Ring, wide opening
Dimensions	32 x 11.6mm	32 x 11.6mm
Glass / Class	Clear, 1 st	Clear, 1 st
Features	„Base Bonded“	Microliter
PU per PP-Box	100 pcs.	100 pcs.



11mm Crimping Tools

LPP No.	11 06 0006	11 07 0002
See Waters No.	PSL904301	

11mm Aluminium Crimp Cap, clear lacquered

Photo		
LPP No.	11 03 0247	11 03 0196
See Waters No.	PSL404219	PSL404231
Description	Silicone white/ PTFE red, 45° shore A, 1.3mm	PTFE red/ Silicone white/ PTFE red, 45° shore A, 1.0mm
PU per PE-Bag	100 pcs.	100 pcs.

Consumables for HPLC compatible with Waters instruments



**Alliance®,
Alliance® 2690/2695,
Alliance® 2790/2795,**



Snap Ring ND11 / Screw Neck ND10

Photo								
LPP No.	11 09 0627 11 09 2173	11 09 0644	11 09 0645 11 09 2189	11 14 1190 11 14 1266	11 14 1656 11 14 1695	10 09 0743	10 09 1196	10 09 1197
See Waters No.		WAT094219	WAT094220			WAT063300		
Volume	1.5ml	1.5ml	1.5ml	0.2ml	0.2ml	1.5ml	1.5ml	1.5ml
Type	Snap Ring, wide opening	Snap Ring, wide opening	Snap Ring, wide opening	Crimp/Snap Neck TPX Vial with integrated glass Insert (TopSert)	Crimp/Snap Neck TPX Vial with integrated glass Insert (TopSert)	Screw Neck 10-425, wide opening	Screw Neck 10-425, wide opening	Screw Neck 10-425, wide opening
Dimensions	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm	32 x 11.6mm
Glass / class	Clear, 1 st	Clear, 1 st	Amber, 1 st	TPX / Clear, 1 st	TPX / Amber, 1 st	Clear, 1 st	Clear, 1 st	Amber, 1 st
Features	Silanized version	Label + filling lines Silanized version	Label + filling lines Silanized version	Silanized version	Silanized version		Label + filling lines	Label + filling lines
PU per PP-Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.

LC + LC/MS

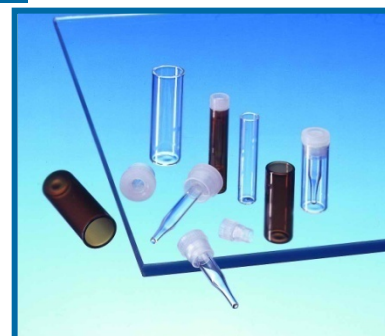
11mm PE-Snap Ring/10mm PP Screw Thread Seals assembled with

Photo							
LPP No.	11 15 1151 11 15 1854	11 15 2047 11 15 2048	11 15 1269 11 15 1858	11 08 1676	10 15 0744	10 15 1257	10 15 1328
See Waters No.	186000303		186000304	186000328(alt.)	WAT058874(alt.)	WAT058874(alt.)	
Description	Silicone white/PTFE red, 45° shore A, 1.3mm	Silicone white/PTFE red, Pre- cut, 45° shore A, 1.3mm	Silicone white/PTFE blue, cross slitted , 55° shore A, 1.0mm	11mm PE Push-on Cap, without septa, with thinned penetration point	Silicone white/ PTFE beige, 45° shore A, 1.5mm	Silicone white/PTFE red, 45° shore A, 1.3mm	Silicone white/PTFE blue, , 55 ° shore A, 1.5mm
Features	soft	soft	soft				
PU per PE-Bag	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.

Consumables for HPLC compatible with Waters instruments



Waters Wisp®, Waters 717



Shell Vials ND8 + Micro-Insert / Shell Vials ND15

Photo	For Waters Wisp and 717 96 Pos. Carousel	For Waters Wisp and 717 96 Pos. Carousel		For Waters Wisp and 717 48 Pos. Carousel			
LPP No.	08 14 1168 08 14 1169 (Amber)	08 14 0513 08 14 0595(Amber)	05 09 0706	15 14 0548 15 14 0562(Amber)	08 34 2194	15 34 2199	15 34 2197
See Waters No.	WAT025054C	WAT025054C (alt.) WAT025053C (alt.)	WAT072294 (alt.)	WAT025051 (alt.) WAT025050 (alt.)		186004031	
Volume	1ml	1ml	0.1ml (FV: 0.2ml)	4ml	1ml	3ml	4ml
Type	Shell Vial ND8 + separate Plug. No insert cannot be installed in the plug; however, penetration and valve effect optimal	Shell Vial ND8 + separate Plug. Insert can be installed in the plug; however, penetration and valve effect not as good due to harder plug	Micro-Insert for 548-0042 or 548-0043	Shell Vial ND15 + separate Plug		Shell Vial with inner cone + separate plug	Shell Vial + separate plug
Dimensions	40 x 8.2mm	40 x 8.2mm	34 x 5mm	44.6 x 14.65mm	40 x 8mm	44.6 x 14.65mm	44.6 x 14.65mm
Glass / class	Clear,/Amber 1 st	Clear,/Amber 1 ^s	Clear, 1 st	Clear/Amber, 1 st	Transparent	Transparent	Transparent
Features	Flat bottom	Flat bottom	13mm taper	Flat bottom			
PU per PP-Box	100 pcs. (Vials)	100 pcs. (Vials)	10 x 100 pcs.	100 pcs. (Vials)	100 pcs. (Vials)	100 pcs. (Vials)	100 pcs. (Vials)
PU per PE-Bag	100 pcs. (Plugs)	100 pcs. (Plugs)		100 pcs. (Plugs)	100 pcs. (Plugs)	100 pcs. (Plugs)	100 pcs. (Plugs)

LC + LC/MS

2in1 Kits (100 vials and 100 plugs unassembled in a box)

LPP No.	See Waters No.	Description	Vial included in the Kit	Plug included in the Kit
Shell Vials with PE Plugs				
08 27 1673	WAT025053C	Amber 1ml shell vial; soft PE-plug without insertation barrier for insert	08 09 0484	08 08 1167
08 27 1671	WAT025053C (alt.)	Amber 1ml shell vial; hard PE-plug with insertation barrier for insert	08 09 0484	08 08 0488
08 27 1672	WAT025054C	Clear 1ml shell vial; soft PE-plug without insertation barrier for insert	08 09 0483	08 08 1167
08 27 1670	WAT025054C	Clear 1ml shell vial; hard PE-plug with insertation barrier for insert	08 09 0483	08 08 0488
15 27 1066	WAT025050	Amber 4ml shell vial; 15mm PE-plug	15 09 0540	15 08 0547
15 27 1065	WAT025051	Clear 4ml shell vial; 15mm PE-plug	15 09 0539	15 08 0547

Consumables for HPLC compatible with Waters instruments



**Alliance® GPC2000
Waters Wisp®,
Waters 717,
Acquity UPLC™ Sytem
(24 Pos. Plate)**



Screw Neck ND13

Photo					
LPP No.	13 09 0222	13 09 1335	13 09 0280	13 09 1336	40 09 0146 + 50 13 0147
See Waters No.	WAT07270 186000840 PSL407498		186001135 PSL407499		WAT015199 / 144 WAT072708 (Spring)
Volume	4ml	4ml	4ml	4ml	0.3ml
Type	Screw Neck Vial ND13	Screw Neck Vial ND13	Screw Neck Vial ND13	Screw Neck Vial ND13	Micro-Insert for 4ml screw neck vial (metal spring required)
Dimensions	45 x 14.7mm	45 x 14.7mm	45 x 14.7mm	45 x 14.7mm	40 x 6mm
Glass / class	Clear, 1 st	Clear, 1 st	Amber, 1 st	Amber, 1 st	Clear, 1 st
Features		Label + filling lines		Label + filling lines	15mm taper
PU per PP-Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.	10 x 100 pcs. (Inserts) 10 x 100 pcs. per PE-Bag (springs)

LC + LC/MS

13mm PP Screw Thread Seals assembled with

Photo		
LPP No.	13 15 0815	13 15 1293
See Waters No.	186000841 / 100 (alt) 186000965 / 1000 (alt.)	186000842 / 100 (alt.) 186001919 / 1000 (alt.)
Description	Silicone cream/PTFE red, 55°shore A, 1.5mm	Silicone white/PTFE blue, cross slitted, 55°shore A, 1.5mm
PU per PE-Bag	100 pcs.	100 pcs.

2in1 Kits (100 vials and 100 seals unassembled in a blue box)

LPP No.	See Waters No.	Description	Vial included in the Kit	Seal included in the Kit
Screw Neck Vials ND13 and Seals				
13 28 1069	186000838C (alt.)	Clear vial; black cap with Silicone cream/PTFE red	13 09 0222	13 15 0815
13 28 1071	WAT073018	Clear vial; black center hole cap; unassembled PTFE septa, virginal	13 09 0222	13 08 0166+ 12 02 0168
13 28 1074	186001133C (alt.)	Amber vial; black cap with Silicone cream/PTFE red	13 09 0280	13 15 0815
13 28 1541	186000839C (alt.)	Clear vial; black cap with Silicone white/PTFE blue, cross-slitted	13 09 0222	13 15 1293

Cross-Reference-Chart

Waters No.	LPP-No.
WAT078515 / 100	08 08 1167
186000989 /100 (alt.)	11 14 2103
186000272C	11 24 1859
186000846C	11 24 1861
186000326C	11 24 1862
186002640	11 24 1864
186002635	11 24 1865
186004132C	11 24 2140
186000839C (alt.)	13 28 1541
WAT025051	15 27 1065
WAT025050	15 27 1066
WAT094170	06 09 0865
WAT094171 (alt.)	06 09 0865
WAT094222	11 09 0356
WAT094223	11 09 0477
PSL404231	11 03 0196
PSL404219	11 03 0247
PSL412115	11 03 0300
WAT094220	11 09 0645
186000273	11 09 0519
186000848	11 09 0520
WAT025054C (alt.)	08 14 0513
WAT025053C (alt.)	08 14 0595
WAT072294 (alt.)	05 09 0706
WAT025051 (alt.)	15 14 0548
WAT025050 (alt.)	15 14 0562
186000840	13 09 0222
PSL407498	13 09 0222
WAT072710	13 09 0222
186001135	13 09 0280
PSL407499	13 09 0280
186000841 / 100 (alt.)	13 15 0815
186000965 / 1000 (alt.)	13 15 0815
PSL904301	11 06 0006
186002802	11 09 0620
186000274 (alt.)	09 15 0838
186000305 (alt.)	09 15 0869
186000984	11 09 0619
	11 09 2178
	11 09 1767
	11 09 2085
	11 09 2177
	11 092173
	11 09 2189

Waters No.	LPP-No.
WAT015199 / 144	40 09 0146
WAT072708	50 13 0147
600000162	13 08 0166
WAT072711 / 144 (alt.)	13 08 0166
WAT072714 (144)	12 02 0168
WAT073005 (1440)	12 02 0168
186002628	11 19 0933
200000114 (24 pos.)	12 21 1001
405000562 (48 pos.)	12 21 1001
186000328 (alt.)	11 08 1676
186002645 (alt.)	11 08 1676
186002646 (alt.)	11 08 1676
186000842 /100 (alt.)	13 15 1293
186001919 / 1000 (alt.)	13 15 1293
WAT025054C	08 14 1168
WAT025053C	08 14 1169
186000274	09 04 1533
186000305	09 04 1534
WAT063300	10 09 0743
WAT058874	10 15 0744
WAT094219	11 09 0644
186002804	11 09 0999
186000273DV (alt.)	11 09 1241
186000848DV	11 09 1242
186002804 (alt.)	11 14 1189
186000303	11 15 1151
186000304	11 15 1269
186002626	11 19 0932
600000670CV	11 24 1129
186002803 (alt.)	11 14 1655
WAT078515 (alt.) / 100	08 08 0488
186002634	11 19 1706
186002627	11 19 1707
600000668CV	11 24 1238
186000327C	11 24 1863
186000302 (alt.)	11 09 2276
186002636	11 24 1866
186002639	11 24 1643
600000749CV	11 24 1891
186000847C	11 24 1696
186003455 /100	11 14 1867
186000303	11 15 1854
186000304	11 15 1858
600000752CV	11 24 1342
600000669CV	11 24 1573
186000307C	11 24 1860
186002803	11 09 1957
600000751CV	11 24 1143
186000838C. (alt.)	13 28 1069
WAT073018	13 28 1071
186001133C	13 28 1074
186004031	15 34 2199