

AMPOL™



Serving the Global NMR Community with Precision NMR Sample Tubes.





Exceptional Value Through Superior Manufacturing

Ampol delivers premium NMR tubes to the global market through their operations in Lomza, Poland. This unique combination provides European laboratories with the precision and quality of USA manufacturing, paired with local distribution, support, and faster delivery times for seamless procurement.

Our popular AP435.400.7 tubes, designed for 300/400MHz NMR systems, maintains up to a 7 micron tolerance for both concentricity and camber. The AP435.600.7 model, engineered for 500/700MHz applications, maintains up to a 5 micron tolerance. These precision specifications deliver consistent performance and reliable results across your analytical applications.

What We Do

Ampol's precision manufacturing maintains exceptional concentricity and tight tolerances, delivering consistent performance. This superior dimensional accuracy often eliminates the need for re-shimming when changing tubes in your NMR probe, saving valuable instrument time and ensuring reliable, reproducible results for your analytical work.

Ordering

To establish permanent order record, please expedite your orders by e-mail.

Email contact@ampolnmr.com

5 mm Standard Resolution

AP435.200.7	MHz	Tube Length		O.D.	I.D.	Concentricity	Camber±	Tubes Per Pack
		mm	Inch	(mm)	(mm)	(mm)	(mm)	
AP435.1000.7	1000	178	7	4.97±0.004	4.20±0.006	0.003	0.004	5
AP435.1000.8	100	203	8	4.97±0.004	4.20±0.006	0.003	0.004	5
AP435.900.7	900	178	7	4.97±0.005	4.20±0.012	0.004	0.005	5
AP435.900.8	900	203	8	4.97±0.005	4.20±0.012	0.004	0.005	5
AP435.800.7	800	178	7	4.97±0.006	4.20±0.012	0.004	0.006	5
AP435.800.8	800	203	8	4.97±0.006	4.20±0.012	0.004	0.006	5
AP435.600.7	600	178	7	4.97±0.013	4.20±0.025	0.005	0.013	5
AP435.600.8	600	203	8	4.97±0.013	4.20±0.025	0.005	0.013	5
AP435.400.7	400	178	7	4.97±0.013	4.20±0.025	0.007	0.019	5
AP435.400.8	400	203	8	4.97±0.013	4.20±0.025	0.007	0.019	5
AP435.200.7	200	178	7	4.97±0.025	4.20±0.025	0.007	0.025	25
AP435.200.8	200	203	8	4.97±0.025	4.20±0.025	0.007	0.025	25
AP435.100.7	100	178	7	4.97±0.050	4.20±0.050	0.02	0.07	50
AP435.100.8	100	203	8	4.97±0.050	4.20±0.050	0.02	0.07	50
AP435.60.7	60	178	7	4.97±0.070	4.20±0.070	0.025	0.075	100
AP435.60.8	60	203	8	4.97±0.070	4.20±0.070	0.025	0.075	100

All 5 mm NMR tubes are supplied with caps.

10 mm Standard Resolution

Item No.	MHz	Tube Length		O.D.	I.D.	Concentricity	Camber±	Tubes Per Pack
		mm	Inch	(mm)	(mm)	(mm)	(mm)	
AP4310.400.7	400	178	7	9.98±0.013	8.76±0.025	0.005	0.07	5
AP4310.400.8	400	203	8	9.98±0.013	8.76±0.025	0.005	0.07	5
AP4310.300.7	300	178	7	9.98±0.013	8.76±0.025	0.002	0.013	5
AP4310.300.8	300	203	8	9.98±0.013	8.76±0.025	0.002	0.013	5
AP4310.200.7	200	178	7	9.98±0.025	8.76±0.025	nominal	nominal	100
AP4310.200.8	200	203	8	9.98±0.025	8.76±0.025	nominal	nominal	100

All 10 mm NMR tubes are supplied with caps.

Xtra Resolution 5 mm

Item No.	MHz	Tube Length		O.D.	I.D.	Concentricity	Camber±	Tubes
		mm	Inch	(mm)	(mm)	(mm)	(mm)	Per Pack
AP385.1000.7	1000	178	7	4.97±0.004	4.20±0.006	0.003	0.004	5
AP385.1000.8	1000	203	8	4.97±0.004	4.20±0.006	0.003	0.004	5
AP385.900.7	900	178	7	4.97±0.005	4.20±0.012	0.004	0.005	5
AP385.900.8	900	203	8	4.97±0.005	4.20±0.012	0.004	0.005	5
AP385.800.7	800	178	7	4.97±0.006	4.20±0.012	0.004	0.006	5
AP385.800.8	800	203	8	4.97±0.006	4.20±0.012	0.004	0.006	5
AP385.600.7	600	178	7	4.97±0.013	4.20±0.025	0.005	0.013	5
AP385.600.8	600	203	8	4.97±0.013	4.20±0.025	0.005	0.013	5
AP385.500.7	500	178	7	4.97±0.013	4.20±0.025	0.007	0.019	5
AP385.500.8	500	203	8	4.97±0.013	4.20±0.025	0.007	0.019	5
AP385.400.7	400	178	7	4.97±0.025	4.20±0.025	0.007	0.025	5
AP385.400.8	400	203	8	4.97±0.025	4.20±0.025	0.007	0.025	5
AP385.300.7	300	178	7	4.97±0.050	4.20±0.050	0.02	0.07	5
AP385.300.8	300	203	8	4.97±0.050	4.20±0.050	0.02	0.07	5
AP385.200.7	200	178	7	4.97±0.070	4.20±0.050	0.025	0.075	5
AP385.200.8	200	203	8	4.97±0.070	4.20±0.050	0.025	0.075	5

All 5 mm NMR tubes are supplied with caps.

Xtra Resolution 3 mm

Item No.	MHz	Tube Length		O.D.	I.D.	Concentricity	Camber±	Tubes
		mm	Inch	(mm)	(mm)	(mm)	(mm)	Per Pack
AP383.1000.7	1000	178	7	2.99±0.003	2.41±0.006	0.0018	0.0027	5
AP383.1000.8	1000	203	8	2.99±0.003	2.41±0.006	0.0018	0.0027	5
AP383.900.7	900	178	7	2.99±0.004	2.41±0.006	0.0020	0.003	5
AP383.900.8	900	203	8	2.99±0.004	2.41±0.006	0.0020	0.003	5
AP383.800.7	800	178	7	2.99±0.005	2.41±0.010	0.0025	0.0038	5
AP383.800.8	800	203	8	2.99±0.005	2.41±0.010	0.0025	0.0038	5
AP383.600.7	600	178	7	2.99±0.006	2.41±0.012	0.0040	0.006	5
AP383.600.8	600	203	8	2.99±0.006	2.41±0.012	0.0040	0.006	5
AP383.500.7	500	178	7	2.99±0.010	2.41±0.015	0.0050	0.013	5
AP383.500.8	500	203	8	2.99±0.010	2.41±0.015	0.0050	0.013	5
AP383.400.7	400	178	7	2.99±0.013	2.41±0.020	0.0070	0.019	5
AP383.400.8	400	203	8	2.99±0.013	2.41±0.020	0.0070	0.019	5
AP383.300.7	300	178	7	2.99±0.025	2.41±0.025	0.0070	0.025	5
AP383.300.8	300	203	8	2.99±0.025	2.41±0.025	0.0070	0.025	5
AP383.200.7	200	178	7	2.99±0.030	2.41±0.030	0.0100	0.038	5
AP383.200.8	200	203	8	2.99±0.030	2.41±0.030	0.0100	0.038	5
AP383.100.7	100	178	7	2.99±0.030	2.41±0.030	0.0110	0.04	25
AP383.100.8	100	203	8	2.99±0.030	2.41±0.030	0.0110	0.04	25

All 3 mm NMR tubes are supplied with caps.

Xtra Resolution 10 mm

Item No.	MHz	Tube Length		O.D. (mm)	I.D. (mm)	Concentricity (mm)	Camber± (mm)	Tubes Per Pack
		mm	Inch					
AP3810.600.7	600	178	7	10.00±0.013	8.76±0.025	0.0050	0.07	5
AP3810.600.8	600	203	8	10.00±0.013	8.76±0.025	0.0050	0.07	5
AP3810.500.7	500	178	7	10.00±0.013	8.76±0.025	0.0200	0.013	5
AP3810.500.8	500	203	8	10.00±0.013	8.76±0.025	0.0200	0.013	5
AP3810.400.7	400	178	7	10.00±0.013	8.76±0.025	0.0200	0.013	5
AP3810.400.8	400	203	8	10.00±0.013	8.76±0.025	0.0200	0.013	5

All 10 mm NMR tubes are supplied with caps.

5 mm NMR Tube Caps

Item No.	Color	Caps Per Pack
APEC5.AS	Assorted	100
APEC5.LB	Light Blue	100
APEC5.PK	Pink	100
APEC5.CB	Clear Blue	100
APEC5.BU	Blush	100
APEC5.RD	Red	100
APEC5.GR	Green	100
APEC5.BL	Blue	100
APEC5.YL	Yellow	100
APEC5.PU	Purple	100
APEC5.OR	Orange	100
APEC5.WH	White	100
APEC5.BK	Black	100

10 mm NMR Tube Caps

Item No.	Color	Caps Per Pack
APEC10.YL	Yellow	100
APEC10.RD	Red	100
APEC10.GR	Green	100
APEC10.BL	Blue	100

3 mm NMR Tube Caps

Item No.	Color	Caps Per Pack
APEC3.RD	Red	100

PTFE NMR Tube Caps

Item No.	Color	Caps Per Pack
APPTFE.10	White	10
APPTFE.5	White	10
APPTFE.3	White	10

5 mm NMR Tubes for Bruker SampleJet Automated Sample Tube Systems

Item No.	MHz	Tube Length mm	O.D. (mm)	Wall Size (mm)	Concentricity (mm)	Camber± (mm)	Cap Type	Tubes Per Pack
AP5.700.AST.4.NH	700	103.5	5	0.38	40 µm	60 µm	Closed	96
AP5.700.AST.4.HC	700	103.5	5	0.38	40 µm	60 µm	Open	96
AP5.700.AST.7.NH	700	178	5	0.38	40 µm	60 µm	Closed	96
AP5.700.AST.7.HC	700	178	5	0.38	40µm	60 µm	Open	96

5 mm NMR Tubes for Automated Systems are supplied with coded caps.

3 mm NMR Tubes for Bruker SampleJet Automated Sample Tube Systems

Item No.	MHz	Tube Length mm	O.D. (mm)	Wall Size (mm)	Concentricity (mm)	Camber± (mm)	Cap Type	Tubes Per Pack
AP3.700.AST.4.NH	700	103.5	3	0.38	40 µm	60 µm	Closed	96
AP3.700.AST.4.HC	700	103.5	3	0.38	40 µm	60 µm	Open	96
AP3.700.AST.7.NH	700	178	3	0.38	40 µm	60 µm	Closed	96
AP3.700.AST.7.HC	700	178	3	0.38	40µm	60 µm	Open	96

3 mm NMR Tubes for Automated Systems are supplied with coded caps.

Racked NMR Tubes for Bruker SampleJet Automated Sample Tube Systems

Item No.	MHz	Tube Length mm	O.D. (mm)	Wall Size (mm)	Concentricity (mm)	Camber± (mm)	Tubes Per Pack
AP5.700.AST.4.RACK	700	103.5	5	0.38	40 µm	60 µm	96
AP3.700.AST.4.RACK	700	103.5	3	0.38	40 µm	60 µm	96

Racked NMR Tubes for Automated Systems are supplied with coded, open port caps.

Closed, Coded Caps for Bruker SampleJet Automated Sample Tube Systems

Item No.	O.D. (mm)	Caps Per Pack
AP5.NH.AST	5	96
AP3.NH.AST	3	96

NOTES



CONTACT FOR ORDERING

Email contact@ampolnmr.com

