

NMR Tubes + Accessories 2023

DEUTERO

NMR Spectroscopy

5 mm NMR Tube 5.1 (ASTM Type 1 Class B glass) *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Boro-5-103,5	4,950±0,030	0,43	25	75	4	100
Boroeco-5-7	4,950±0,030	0,43	25	75	7	100
Boroeco-5-8	4,950±0,030	0,43	25	75	8	100
Boro300-5-7	4,950±0,020	0,43	7	25	7	5
Boro300-5-8	4,950±0,020	0,43	7	25	8	5
Boro400-5-7	4,950±0,015	0,43	7	13	7	5
Boro400-5-8	4,950±0,015	0,43	7	13	8	5
Boro500-5-7	4,950±0,015	0,43	5	13	7	5
Boro500-5-8	4,950±0,015	0,43	5	13	8	5
Boro600-5-7	4,950±0,010	0,43	4	4	7	5
Boro600-5-8	4,950±0,010	0,43	4	4	8	5
Boro800-5-7	4,950±0,005	0,43	3	3	7	5
Boro800-5-8	4,950±0,005	0,43	3	3	8	5



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5 mm NMR Tube 3.3 (ASTM Type 1 Class A glass) fig.1 *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
D-5-103,5	4,950±0,030	0,38	25	75	4	100
D200-5-7	4,950±0,030	0,38	25	25	7	100
D200-5-8	4,950±0,030	0,38	25	25	8	100
D200-5-9	4,950±0,030	0,38	25	25	9	100
D300-5-7	4,950±0,020	0,38	7	25	7	5
D300-5-8	4,950±0,020	0,38	7	25	8	5
D300-5-9	4,950±0,020	0,38	7	25	9	5
D400-5-7	4,950±0,015	0,38	7	13	7	5
D400-5-8	4,950±0,015	0,38	7	13	8	5
D400-5-9	4,950±0,015	0,38	7	13	9	5
D500-5-7	4,950±0,015	0,38	5	13	7	5
D500-5-8	4,950±0,015	0,38	5	13	8	5
D500-5-9	4,950±0,015	0,38	5	13	9	5
D600-5-7	4,950±0,010	0,38	5	7	7	5
D600-5-8	4,950±0,010	0,38	5	7	8	5
D600-5-9	4,950±0,010	0,38	5	7	9	5



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5 mm NMR Tube 5.1 (ASTM Type 1 Class B glass) Wall Thickness: 0,40 *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Boroeco-5-7-plus	4,950±0,030	0,40	25	75	7	100
Boro400-5-7-plus	4,950±0,015	0,40	7	13	7	5
Deuquant-5-7	4,966±0,004	0,40	4	4	7	5

* These tubes are available with sandblasted field. Additional charge per tube

5 mm NMR Tube Amber 5.1 (ASTM Type 1 Class B glass) *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Boro300-5-7-amb	4,950±0,020	0,43	7	25	7	5
Boro400-5-7-amb	4,950±0,015	0,43	7	13	7	5
Boro500-5-7-amb	4,950±0,015	0,43	5	13	7	5



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5 mm NMR Tube Amber 3.3 (ASTM Type 1 Class A glass) *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
D300-5-7-amb	4,950±0,020	0,38	7	25	7	5
D400-5-7-amb	4,950±0,015	0,38	7	13	7	5
D500-5-7-amb	4,950±0,015	0,38	5	13	7	5

5 mm NMR Tube Quartz Glass (Silicon dioxide SiO2) *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Qtz300-5-7	4,950±0,030	0,38	7	25	7	5
Qtz500-5-7	4,950±0,015	0,38	5	13	7	5



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5 mm NMR Tube 3.3 with Screw Cap (septum or closed top) fig.2 *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Ds300-5-7	4,950±0,020	0,38	7	25	7	5
Ds300-5-7-s	4,950±0,020	0,38	7	25	7	5
Ds500-5-7	4,950±0,015	0,38	5	13	7	5
Ds500-5-7-s	4,950±0,015	0,38	5	13	7	5
Screwcap	closed top					1
Screwcap-s	septum top					1



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5 mm NMR Tube 5.1 with Constriction fig.3 *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Boroct300-5-7	4,950±0,020	0,43	7	25	8	5
Boroct400-5-7	4,950±0,015	0,43	7	13	8	5
Boroct500-5-7	4,950±0,015	0,43	5	13	8	5



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5 mm NMR Tube 3.3 with PTFE Valve fig.4 *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
ptfe300-5-7	4,950±0,020	0,38	7	25	7	1
ptfe300-5-8	4,950±0,020	0,38	7	25	8	1
ptfe500-5-7	4,950±0,015	0,38	5	13	7	1
ptfe500-5-8	4,950±0,015	0,38	5	13	8	1



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5 mm NMR Tube 5.1 Benchtop *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit
Benchtop-5-7	4,950±0,040	0,43	25	75	7	100

5 mm NMR Tube 3.3 Complete (Coaxial System complete, 3 mm Insert Tube) fig.5

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (µm)	Camber (µm)	Length (inch)	Packing unit
Complete-5-3-7	4,950±0,020	0,38	5	13	8	5

5 mm NMR Tube 3.3 Coaxial (b=Bruker, v=Varian)

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (µm)	Camber (µm)	Length (inch)	Packing unit
Coaxialb-5-7	3,950±0,020	0,38	7	25	8	5
Coaxialv-5-7	3,950±0,020	0,38	7	25	8	5
Coaxial-5-7-ot	4,950±0,020	0,38	7	25	8	5

PTFE Liner (for 5 mm NMR Tube) fig. 6

Item number	O.D.: 4 mm	Length (inch)	Packing unit
DTL-5-4-7		8	5

3 mm NMR Tube 3.3 (ASTM Type 1 Class A glass) *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (µm)	Camber (µm)	Length (inch)	Packing unit
D-3-103,5	2,970±0,030	0,30	25	75	4	100
Deco-3-7	2,970±0,030	0,30	25	75	7	50
D300-3-7	2,970±0,020	0,30	7	25	7	5
D600-3-7	2,970±0,010	0,30	4	4	7	5
D800-3-7	2,970±0,005	0,30	3	3	7	5

10 mm NMR Tube 5.1 (ASTM Type 1 Class B glass) fig.7 *

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (µm)	Camber (µm)	Length (inch)	Packing unit
Boroeco-10-7	9,950±0,030	0,60	254	51	7	100
Boroeco-10-8	9,950±0,030	0,60	254	51	8	100
Boro300-10-7	9,970±0,020	0,60	76	38	7	3
Boro300-10-8	9,970±0,020	0,60	76	38	8	3
Boro500-10-7	9,970±0,010	0,60	38	13	7	3
Boro500-10-8	9,970±0,010	0,60	38	13	8	3

NMR Caps 5 mm fig. 8

Item number	Color	Packing unit
caps-5-100	(random color)	100
caps-5-100-	a (aqua) b (blue) o (orange) r (red)	100
	y (yellow) f (fuchsia) pk (pink) s (sky)	
	bk (black) g (green) p (purple) w (white)	
	as (assorted)	

NMR Caps 5 mm PTFE

Item number	Packing unit
caps-5-10-ptfe	10
caps-5-100-ptfe	100

* These tubes are available with sandblasted field. Additional charge per tube



NMR Caps 3 mm

Item number	Packing unit
caps-3-100	100



NMR Caps 10 mm

Item number	Packing unit
caps-10-100	100



NMR Accessories

Item number			Packing unit
nmrrack	NMR Tube Rack for 72 Tubes (5 mm)	fig. 9	1
washer	NMR Tube Washer, ground joint NS 29/32	fig. 10	1
pipe170	Pipettebrush 170 mm	fig. 11	80
pipe300	Pipettebrush 300 mm	fig. 11	50
vial-1,5	Vials with closure red rubber/ptfe (sandblasted field)	fig. 12	100
brush	NMR Brush for 5 mm Tubes	fig. 13	1
torch	Micro Torch 85 mm x 143 mm x 46 mm	fig. 14	1
pasteur150	Pasteur Pipettes 150 mm		250
pasteur230	Pasteur Pipettes 230 mm		250
pasteur310	Pasteur Pipettes 310 mm		250
bulbgrey	Pipette Bulbs grey, 2ml	fig. 15	1
needle08x120	Disposable Needles with Luer tip 0,8 x 120 mm	fig. 16	100
needle09x70	Disposable Needles with Luer tip 0,9 x 70 mm	fig. 16	100
needle08x40	Disposable Needles with Luer tip 0,8 x 40 mm	fig. 16	100
spatel	NMR Spatula	fig. 17	1
syr1	2-Part Disposable Syringes with Luer tip 1 ml	fig. 16	100
syr2	2-Part Disposable Syringes with Luer tip 2 ml	fig. 16	100
syr5	2-Part Disposable Syringes with Luer tip 5 ml	fig. 16	100
syr10	2-Part Disposable Syringes with Luer tip 10 ml	fig. 16	100
syr20	2-Part Disposable Syringes with Luer tip 20 ml	fig. 16	100
ballon	Rubber Ballon	fig. 18	1
stopfen14	Stoppers NS 14	fig. 19	1
stopfen29	Stoppers NS 29	fig. 19	1
funnel	NMR Funnel	fig. 20	1
heatblock	NMR Tube Heating Block		1
ptfeband	PTFE Tape	fig. 21	1



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