

# NMR Tubes + Accessories 2021

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

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity ( $\mu\text{m}$ )	Camber ( $\mu\text{m}$ )	Length (inch)	Packing unit	Price each €
Boro-5-103,5	4,950 $\pm$ 0,030	0,43	25	75	4	100	0,79
Boroeco-5-7	4,950 $\pm$ 0,030	0,43	25	75	7	100	0,79
Boroeco-5-8	4,950 $\pm$ 0,030	0,43	25	75	8	100	0,94
Boro300-5-7	4,950 $\pm$ 0,020	0,43	7	25	7	5	1,85
Boro300-5-8	4,950 $\pm$ 0,020	0,43	7	25	8	5	2,00
Boro400-5-7	4,950 $\pm$ 0,015	0,43	7	13	7	5	2,55
Boro400-5-8	4,950 $\pm$ 0,015	0,43	7	13	8	5	2,75
Boro500-5-7	4,950 $\pm$ 0,015	0,43	5	13	7	5	3,95
Boro500-5-8	4,950 $\pm$ 0,015	0,43	5	13	8	5	4,25
Boro600-5-7	4,950 $\pm$ 0,010	0,43	4	4	7	5	5,95
Boro600-5-8	4,950 $\pm$ 0,010	0,43	4	4	8	5	6,45
Boro800-5-7	4,950 $\pm$ 0,005	0,43	3	3	7	5	9,95
Boro800-5-8	4,950 $\pm$ 0,005	0,43	3	3	8	5	10,95



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

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity ( $\mu\text{m}$ )	Camber ( $\mu\text{m}$ )	Length (inch)	Packing unit	Price each €
D-5-103,5	4,950 $\pm$ 0,03	0,38	25	75	4	100	0,97
D200-5-7	4,950 $\pm$ 0,030	0,38	25	25	7	100	1,85
D200-5-8	4,950 $\pm$ 0,030	0,38	25	25	8	100	2,15
D200-5-9	4,950 $\pm$ 0,030	0,38	25	25	9	100	2,65
D300-5-7	4,950 $\pm$ 0,020	0,38	7	25	7	5	2,85
D300-5-8	4,950 $\pm$ 0,020	0,38	7	25	8	5	3,15
D300-5-9	4,950 $\pm$ 0,020	0,38	7	25	9	5	3,75
D400-5-7	4,950 $\pm$ 0,015	0,38	7	13	7	5	4,45
D400-5-8	4,950 $\pm$ 0,015	0,38	7	13	8	5	4,75
D400-5-9	4,950 $\pm$ 0,015	0,38	7	13	9	5	5,45
D500-5-7	4,950 $\pm$ 0,015	0,38	5	13	7	5	5,45
D500-5-8	4,950 $\pm$ 0,015	0,38	5	13	8	5	5,85
D500-5-9	4,950 $\pm$ 0,015	0,38	5	13	9	5	6,85
D600-5-7	4,950 $\pm$ 0,010	0,38	5	7	7	5	9,85
D600-5-8	4,950 $\pm$ 0,010	0,38	5	7	8	5	10,95
D600-5-9	4,950 $\pm$ 0,010	0,38	5	7	9	5	12,45



## 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 ( $\mu\text{m}$ )	Camber ( $\mu\text{m}$ )	Length (inch)	Packing unit	Price each €
Boroeco-5-7-plus	4,950 $\pm$ 0,03	0,40	25	75	7	100	0,90
Boro400-5-7-plus	4,950 $\pm$ 0,015	0,40	7	13	7	5	2,90
Deuquant-5-7	4,950 $\pm$ 0,004	0,40	4	4	7	5	7,40

\* These tubes are also 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	Price each €
Boro300-5-7-amb	4,950±0,020	0,43	7	25	7	5	19,50
Boro400-5-7-amb	4,950±0,015	0,43	7	13	7	5	20,50
Boro500-5-7-amb	4,950±0,015	0,43	5	13	7	5	21,50

### 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	Price each €
D300-5-7-amb	4,950±0,020	0,38	7	25	7	5	22,50
D400-5-7-amb	4,950±0,015	0,38	7	13	7	5	24,00
D500-5-7-amb	4,950±0,015	0,38	5	13	7	5	26,00

### 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	Price each €
Qtz300-5-7	4,950±0,030	0,38	7	25	7	5	23,00
Qtz500-5-7	4,950±0,015	0,38	5	13	7	5	28,00

### 5 mm NMR Tube 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	Price each €
Ds300-5-7	4,950±0,020	0,38	7	25	7	5	14,40
Ds300-5-7-s	4,950±0,020	0,38	7	25	7	5	14,40
Ds500-5-7	4,950±0,015	0,38	5	13	7	5	17,40
Ds500-5-7-s	4,950±0,015	0,38	5	13	7	5	17,40
Screwcap	closed top					5	0,50
Screwcap-s	septum top					5	0,50

### 5 mm NMR Tube with Constriction fig.3 \*

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit	Price each €
Boroc300-5-7	4,950±0,020	0,43	7	25	8	5	2,50
Boroc400-5-7	4,950±0,015	0,43	7	13	8	5	5,90
Boroc500-5-7	4,950±0,015	0,43	5	13	8	5	8,00

### 5 mm NMR Tube with PTFE Valve fig.4 \*

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit	Price each €
ptfe300-5-7	4,950±0,020	0,38	7	25	7	1	74,00
ptfe300-5-8	4,950±0,020	0,38	7	25	8	1	76,00
ptfe500-5-7	4,950±0,015	0,38	5	13	7	1	79,00
ptfe500-5-8	4,950±0,015	0,38	5	13	8	1	81,00

### 5 mm NMR Tube Benchtop \*

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit	Price each €
Benchtop-5-7	4,950±0,04	0,43	25	75	7	100 on request	



5



6



7



8



9

### 5 mm NMR Tube Complete (Coaxial System complete, 3 mm Insert Tube)

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (µm)	Camber (µm)	Length (inch)	Packing unit	Price each €
Complete-5-3-7	4,950±0,0	0,38	5	13	7	5	34,50

### 5 mm NMR Tube Coaxial (b=Bruker, v=Varian) fig.5

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (µm)	Camber (µm)	Length (inch)	Packing unit	Price each €
Coaxialb-5-7	3,950±0,020	0,38	7	25	8	5	35,50
Coaxialv-5-7	3,950±0,020	0,38	7	25	8	5	35,50
Coaxial-5-7-ot	3,950±0,020	0,38	7	25	7	5	2,80



10

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

Item number	O.D.: 4 mm	Length (inch)	Packing unit	Price each €
DTL-5-4-7		7	5	16,40



11

### 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	Price each €
D-3-103,5	2,97±0,03	0,30	25	75	4	100	1,80
Deco-3-7	2,97±0,03	0,30	25	75	7	100	1,85
D300-3-7	2,97±0,02	0,30	7	25	7	5	6,90
D600-3-7	2,97±0,01	0,30	4	4	7	5	9,90
D800-3-7	2,97±0,005	0,30	3	3	7	5	14,90



12

### 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	Price each €
Boroeco-10-7	9,95±0,03	0,60	254	51	7	100	1,95
Boroeco-10-8	9,95±0,03	0,60	254	51	8	100	2,50
Boro300-10-7	9,95±0,02	0,60	76	38	7	3	8,90
Boro300-10-8	9,95±0,02	0,60	76	38	8	3	9,90
Boro500-10-7	9,95±0,01	0,60	76	38	7	3	12,90
Boro500-10-8	9,95±0,01	0,60	76	38	8	3	14,50



13

### NMR Caps 5 mm fig. 8

Item number	Color	Packing unit	Price each €
caps-5-100	(random color)	100	7,00
caps-5-100-	a (aqua)    b (blue)    o (orange)    r (red) y (yellow)    f (fuchsia)    pk (pink)    s (sky) bk (black)    g (green)    p (purple)    w (white) as (assorted)	100	7,00

### NMR Caps 5 mm PTFE

Item number	Packing unit	Price each €
caps-5-10-ptfe	10	30,00
caps-5-100-ptfe	100	195,00



14

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

### NMR Caps 3 mm

Item number	Packing unit	Price each €
caps-3-100	100	8,00



15

### NMR Caps 10 mm

Item number	Packing unit	Price each €
caps-10-100	100	9,00



16

### NMR Accessories

Item number			Packing unit	Price each €
nmrrack	NMR Tube Rack for 72 tube (5 mm)	fig. 9	1	39,00
washer	NMR Tube Washer, ground joint NS 29/32	fig. 10	1	87,00
pipe170	Pipettebrush 170 mm	fig. 11	80	1,90
pipe300	Pipettebrush 300 mm	fig. 11	50	4,10
vial-1,5	Vials with closure red rubber/ptfe (sandblasted field)	fig. 12	100	19,90
brush	NMR Brush for 5 mm Tubes	fig. 13	1	4,80
torch	Micro Torch 85 mm x 143 mm x 46 mm	fig. 14	1	88,00
pasteur310	Pasteur Pipettes 310 mm	fig. 15	250	28,90
bulbgrey	Pipette Bulbs grey, 2ml	fig. 15	1	0,95
needle08x120	Disposable Needles with Luer tip 0,8 x 120 mm	fig. 16	100	18,90
needle09x70	Disposable Needles with Luer tip 0,9 x 70 mm	fig. 16	100	6,90
needle08x40	Disposable Needles with Luer tip 0,8 x 40 mm	fig. 16	100	3,20
spatel	NMR Spatula	fig. 17	1	3,40
syr1	2-Part Disposable Syring with Luer tip 1 ml	fig. 16	100	8,20
syr2	2-Part Disposable Syring with Luer tip 2 ml	fig. 16	100	2,90
syr5	2-Part Disposable Syring with Luer tip 5 ml	fig. 16	100	4,10
syr10	2-Part Disposable Syring with Luer tip 10 ml	fig. 16	100	6,80
syr20	2-Part Disposable Syring with Luer tip 20 ml	fig. 16	100	9,90
ballon	Rubber Ballon	fig. 18	1	35,00
stopfen14	Stoppers NS 14	fig. 19	1	0,70
stopfen29	Stoppers NS 29	fig. 19	1	3,30
funnel	NMR Funnel	fig. 20	1	10,90
ptfeband	PTFE Tape	fig. 21	1	1,60



17



18



19



20



21

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

**The prices are in Euro, local or state taxes and transportation costs are not included.**