

# NMR Tubes + Accessories 2022

## 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 per tube €
Boro-5-103,5	4,950 $\pm$ 0,030	0,43	25	75	4	100	0,83
Boroeco-5-7	4,950 $\pm$ 0,030	0,43	25	75	7	100	0,83
Boroeco-5-8	4,950 $\pm$ 0,030	0,43	25	75	8	100	0,99
Boro300-5-7	4,950 $\pm$ 0,020	0,43	7	25	7	5	1,95
Boro300-5-8	4,950 $\pm$ 0,020	0,43	7	25	8	5	2,10
Boro400-5-7	4,950 $\pm$ 0,015	0,43	7	13	7	5	2,70
Boro400-5-8	4,950 $\pm$ 0,015	0,43	7	13	8	5	2,90
Boro500-5-7	4,950 $\pm$ 0,015	0,43	5	13	7	5	4,15
Boro500-5-8	4,950 $\pm$ 0,015	0,43	5	13	8	5	4,45
Boro600-5-7	4,950 $\pm$ 0,010	0,43	4	4	7	5	6,25
Boro600-5-8	4,950 $\pm$ 0,010	0,43	4	4	8	5	6,75
Boro800-5-7	4,950 $\pm$ 0,005	0,43	3	3	7	5	10,45
Boro800-5-8	4,950 $\pm$ 0,005	0,43	3	3	8	5	11,50



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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 ( $\mu\text{m}$ )	Camber ( $\mu\text{m}$ )	Length (inch)	Packing unit	Price per tube €
D-5-103,5	4,950 $\pm$ 0,030	0,38	25	75	4	100	1,02
D200-5-7	4,950 $\pm$ 0,030	0,38	25	25	7	100	1,95
D200-5-8	4,950 $\pm$ 0,030	0,38	25	25	8	100	2,25
D200-5-9	4,950 $\pm$ 0,030	0,38	25	25	9	100	2,80
D300-5-7	4,950 $\pm$ 0,020	0,38	7	25	7	5	3,00
D300-5-8	4,950 $\pm$ 0,020	0,38	7	25	8	5	3,30
D300-5-9	4,950 $\pm$ 0,020	0,38	7	25	9	5	3,95
D400-5-7	4,950 $\pm$ 0,015	0,38	7	13	7	5	4,65
D400-5-8	4,950 $\pm$ 0,015	0,38	7	13	8	5	5,00
D400-5-9	4,950 $\pm$ 0,015	0,38	7	13	9	5	5,70
D500-5-7	4,950 $\pm$ 0,015	0,38	5	13	7	5	5,70
D500-5-8	4,950 $\pm$ 0,015	0,38	5	13	8	5	6,15
D500-5-9	4,950 $\pm$ 0,015	0,38	5	13	9	5	7,20
D600-5-7	4,950 $\pm$ 0,010	0,38	5	7	7	5	10,35
D600-5-8	4,950 $\pm$ 0,010	0,38	5	7	8	5	11,50
D600-5-9	4,950 $\pm$ 0,010	0,38	5	7	9	5	13,10



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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 ( $\mu\text{m}$ )	Camber ( $\mu\text{m}$ )	Length (inch)	Packing unit	Price per tube €
Boroeco-5-7-plus	4,950 $\pm$ 0,030	0,40	25	75	7	100	0,95
Boro400-5-7-plus	4,950 $\pm$ 0,015	0,40	7	13	7	5	3,05
Deuquant-5-7	4,966 $\pm$ 0,004	0,40	4	4	7	5	7,80

\* These tubes are available with sandblasted field. Additional charge per tube 0,15 €

### 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 per tube €
Boro300-5-7-amb	4,950±0,020	0,43	7	25	7	5	20,50
Boro400-5-7-amb	4,950±0,015	0,43	7	13	7	5	21,50
Boro500-5-7-amb	4,950±0,015	0,43	5	13	7	5	22,50

### 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 per tube €
D300-5-7-amb	4,950±0,020	0,38	7	25	7	5	23,50
D400-5-7-amb	4,950±0,015	0,38	7	13	7	5	25,00
D500-5-7-amb	4,950±0,015	0,38	5	13	7	5	27,00

### 5 mm NMR Tube Quartz Glass (Silicon dioxide SiO<sub>2</sub>) \*

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit	Price per tube €
Qtz300-5-7	4,950±0,030	0,38	7	25	7	5	24,00
Qtz500-5-7	4,950±0,015	0,38	5	13	7	5	29,00

### 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	Price per tube €
Ds300-5-7	4,950±0,020	0,38	7	25	7	5	15,10
Ds300-5-7-s	4,950±0,020	0,38	7	25	7	5	15,10
Ds500-5-7	4,950±0,015	0,38	5	13	7	5	18,30
Ds500-5-7-s	4,950±0,015	0,38	5	13	7	5	18,30
Screwcap	closed top					1	0,50
Screwcap-s	septum top					1	0,50

### 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	Price per tube €
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 3.3 with PTFE Valve fig.4 \*

Item number	O.D. (mm)	Wall thickness (mm)	Concentricity (μm)	Camber (μm)	Length (inch)	Packing unit	Price per tube €
ptfe300-5-7	4,950±0,020	0,38	7	25	7	1	78,00
ptfe300-5-8	4,950±0,020	0,38	7	25	8	1	80,00
ptfe500-5-7	4,950±0,015	0,38	5	13	7	1	83,00
ptfe500-5-8	4,950±0,015	0,38	5	13	8	1	85,00

### 5 mm NMR Tube 5.1 Benchtop \*

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



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### 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	Price per tube €
Complete-5-3-7	4,950±0,020	0,38	5	13	8	5	34,50

### 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	Price per tube €
Coaxialb-5-7	3,950±0,020	0,38	7	25	8	5	37,50
Coaxialv-5-7	3,950±0,020	0,38	7	25	8	5	37,50
Coaxial-5-7-ot	4,950±0,020	0,38	7	25	8	5	2,95

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

Item number	O.D.: 4 mm	Length (inch)	Packing unit	Price per tube €
DTL-5-4-7		8	5	17,20

### 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 per tube €
D-3-103,5	2,970±0,030	0,30	25	75	4	100	1,90
Deco-3-7	2,970±0,030	0,30	25	75	7	50	1,95
D300-3-7	2,970±0,020	0,30	7	25	7	5	7,25
D600-3-7	2,970±0,010	0,30	4	4	7	5	10,40
D800-3-7	2,970±0,005	0,30	3	3	7	5	15,70

### 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 per tube €
Boroeco-10-7	9,950±0,030	0,60	254	51	7	100	2,05
Boroeco-10-8	9,950±0,030	0,60	254	51	8	100	2,60
Boro300-10-7	9,970±0,020	0,60	76	38	7	3	9,35
Boro300-10-8	9,970±0,020	0,60	76	38	8	3	10,40
Boro500-10-7	9,970±0,010	0,60	38	13	7	3	13,55
Boro500-10-8	9,970±0,010	0,60	38	13	8	3	15,25

### NMR Caps 5 mm fig. 8

Item number	Color	Packing unit	Price per unit €
caps-5-100	(random color)	100	7,00
caps-5-100-	a (aqua)    b (blue)    o (orange)    r (red)	100	7,00
	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	Price per unit €
caps-5-10-ptfe	10	30,00
caps-5-100-ptfe	100	205,00

\* These tubes are available with sandblasted field. Additional charge per tube 0,15 €



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### NMR Caps 3 mm

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



### NMR Caps 10 mm

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



### NMR Accessories

Item number			Packing unit	Price per unit €
nmrrack	NMR Tube Rack for 72 Tubes (5 mm)	fig. 9	1	39,00
washer	NMR Tube Washer, ground joint NS 29/32	fig. 10	1	91,40
pipe170	Pipettebrush 170 mm	fig. 11	80	2,30
pipe300	Pipettebrush 300 mm	fig. 11	50	4,50
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	92,40
pasteur150	Pasteur Pipettes 150 mm		250	9,20
pasteur230	Pasteur Pipettes 230 mm		250	9,90
pasteur310	Pasteur Pipettes 310 mm		250	29,90
bulbgrey	Pipette Bulbs grey, 2ml	fig. 15	1	1,45
needle08x120	Disposable Needles with Luer tip 0,8 x 120 mm	fig. 16	100	25,20
needle09x70	Disposable Needles with Luer tip 0,9 x 70 mm	fig. 16	100	7,25
needle08x40	Disposable Needles with Luer tip 0,8 x 40 mm	fig. 16	100	3,40
spatel	NMR Spatula	fig. 17	1	4,40
syr1	2-Part Disposable Syringes with Luer tip 1 ml	fig. 16	100	9,60
syr2	2-Part Disposable Syringes with Luer tip 2 ml	fig. 16	100	4,40
syr5	2-Part Disposable Syringes with Luer tip 5 ml	fig. 16	100	6,80
syr10	2-Part Disposable Syringes with Luer tip 10 ml	fig. 16	100	9,40
syr20	2-Part Disposable Syringes with Luer tip 20 ml	fig. 16	100	12,60
ballon	Rubber Ballon	fig. 18	1	36,75
stopfen14	Stoppers NS 14	fig. 19	1	0,75
stopfen29	Stoppers NS 29	fig. 19	1	3,50
funnel	NMR Funnel	fig. 20	1	12,50
heatblock	NMR Tube Heating Block		1	379,00
ptfeband	PTFE Tape	fig. 21	1	1,60



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

Deutero GmbH

Chem. Produkte Handelsgesellschaft

Am Ring 29

56288 Kastellaun

Tel: +49 6762 / 960230

Fax: +49 6762 / 960231

info@deutero.de

www.deutero.de