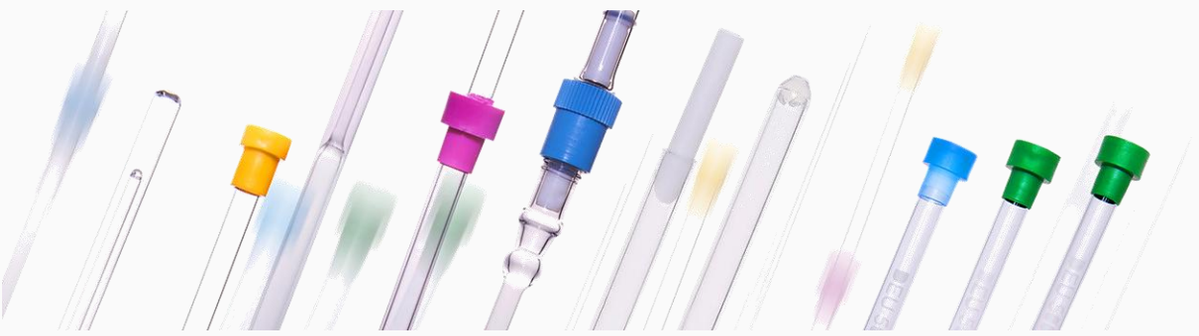
DEUTERO

NMR Spectroscopy

Price list 2026



NMR tubes | Accessories

Price list – NMR tubes and accessories

DEUTERO
NMR Spectroscopy

5 mm NMR tubes (Boro 5.1, ASTM type 1 class B glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
benchtop-5-7	4.950±0.040	0.43	25	75	7	100	0,97 €
boro-5-103,5-o	4.950±0.030		25	75	4		0,97 €
boroeco-5-7					7		0,97 €
boroeco-5-8					8		1,17 €
boro300-5-7	4.950±0.020		7	25	7	5	2,40 €
boro300-5-8					8		2,50 €
boro400-5-7	4.950±0.015		7	13	7		3,30 €
boro400-5-8					8		3,50 €
boro500-5-7	4.950±0.015		5	13	7		4,70 €
boro500-5-8					8		5,00 €
boro600-5-7	4.950±0.010		4	4	7		7,00 €
boro600-5-8					8		7,50 €
boro800-5-7	4.950±0.005		3	3	7		11,60 €
boro800-5-8					8		12,80 €

5 mm NMR tubes (Boro 3.3, ASTM type 1 class A glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
d-5-103,5-o	4.950±0.030	0.38	25	25	4	100	1,20 €
d200-5-7					7		2,30 €
d200-5-8					8		2,60 €
d200-5-9					9		3,30 €
d300-5-7	4.950±0.020		7	25	7	5	3,60 €
d300-5-8					8		3,90 €
d300-5-9					9		4,70 €
d400-5-7	4.950±0.015		7	13	7		5,20 €
d400-5-8					8		5,60 €
d400-5-9					9		6,40 €
d500-5-7	4.950±0.015		5	13	7		6,40 €
d500-5-8					8		6,90 €
d500-5-9					9		8,00 €
d600-5-7	4.950±0.010		5	7	7		11,50 €
d600-5-8					8		12,80 €
d600-5-9					9		14,50 €

5 mm NMR tubes (Boro 5.1, ASTM type 1 class B glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
boroeco-5-7-plus	4.950±0.030	0.40	25	75	7	100	1,11 €
boro400-5-7-plus	4.950±0.015		7	13		5	3,70 €
deuquant-5-7	4.966±0.004		4	4		5	8,70 €

3 mm NMR tubes (Boro 3.3, ASTM type 1 class A glass)*

*Tubes are available with sandblasted field on request

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Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
d-3-103,5-o	2.970±0.030	0.30	25	75	4	100	2,10 €
deco-3-7					7	50	2,20 €
d300-3-7	2.970±0.020		7	25	7	5	8,10 €
d600-3-7	2.970±0.010		4	4			11,00 €
d800-3-7	2.970±0.005		3	3			16,70 €

10 mm NMR tubes (Boro 5.1, ASTM type 1 class B glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
boroeco-10-7	9.950±0.030	0.60	254	51	7	100	2,40 €
boroeco-10-8					8		3,10 €
boro300-10-7	9.950±0.020		76	38	7	3	10,00 €
boro300-10-8					8		11,10 €
boro500-10-7	9.950±0.010		38	13	7		14,50 €
boro500-10-8					8		16,30 €

NMR caps

Item No.	size		color	caps per packing unit	price per cap
caps-5-100	5 mm		random color	100	8,00 €
caps-5-100-X	5 mm	X =	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)		8,00 €
caps-3-100	3 mm		red		9,00 €
caps-10-100	10 mm		red		10,00 €
caps-5-10-ptfe	5 mm	PTFE	white	10	32,40 €
caps-5-100-ptfe				100	230,00 €

5 mm amber NMR tubes*

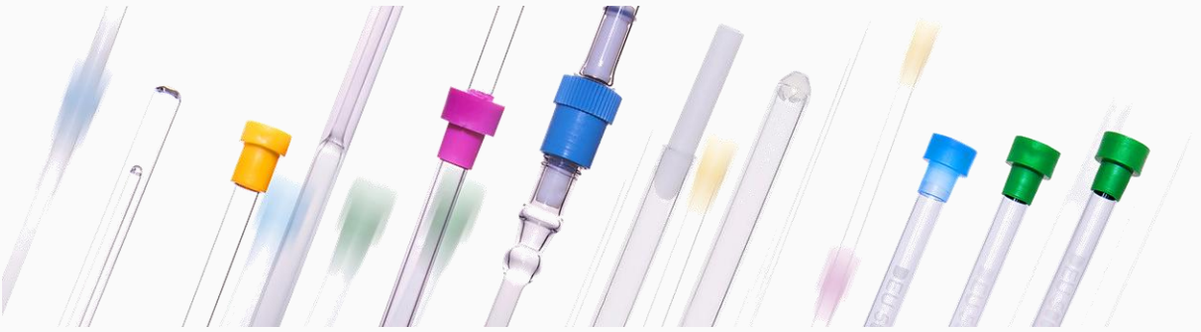
Item No.[1]	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
boro300-5-7-amb	4.950±0.020	0.43	7	25	7	5	25,40 €
boro400-5-7-amb	4.950±0.015		7	13			26,60 €
boro500-5-7-amb	4.950±0.015		5	13			27,90 €
d300-5-7-amb	4.950±0.020	0.38	7	25	7	5	29,20 €
d400-5-7-amb	4.950±0.015		7	13			30,90 €
d500-5-7-amb	4.950±0.015		5	13			33,50 €

[1]boro300-500: Boro 5.1, ASTM type 1 class B glass, d300-d500: Boro 3.3, ASTM type 1 class A glass

5 mm quartz NMR tubes (Silicon dioxide, SiO_2)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
qtz300-5-7	4.950±0.030	0.38	7	25	7	5	30,60 €
qtz500-5-7	4.950±0.015		5	13			37,00 €

*Tubes are available with sandblasted field on request



5 mm NMR tube

3 mm NMR tube

10 mm NMR tube

5 mm amber NMR tube

Capillary tubes

Constricted tubes

Screwcap tube

PTFE tube

PTFE liner

Complete tube

Coaxial tube

Shigemi tube

*Tubes are available with sandblasted field on request

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Capillary NMR tubes for Bruker MATCH (Boro 3.3, ASTM type 1 class A glass)

Item No.	OD [mm]	wall thickness [mm]	length [mm]	tubes per packing unit	price per tube
match-b-2	2.000±0.010	0.2	100	10	2,10 €
match-b-2.5	2.500±0.010	0.2			2,20 €
match-b-3	2.970±0.030	0.3			2,10 €
match-b-5	4.950±0.030	0.43			2,10 €

5 mm NMR tubes with **constriction** (Boro 5.1, ASTM type 1 class B glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
boroct300-5-7	4.950±0.020	0.43	7	25	7	5	4,50 €
boroct400-5-7	4.950±0.015		7	13			7,20 €
boroct500-5-7	4.950±0.015		5	13			9,80 €

5 mm NMR tubes with **screw cap septum** or **closed top** (Boro 3.3, ASTM type 1 class A glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length[1] [inch]	tubes per packing unit	price per tube
ds300-5-7 ds300-5-7-s	4.950±0.020	0.38	7	25	7	5	18,70 €
ds500-5-7 ds500-5-7-s	4.950±0.015		5	13			22,60 €
screwcap	closed top					1	0,90 €
screwcap-s	septum top						

[1]The specified length refers to the tube below the screw connection.

5 mm NMR tubes with **PTFE valve** (Boro 3.3, ASTM type 1 class A glass)*

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length[1] [inch]	tubes per packing unit	price per tube
ptfe300-5-7	4.950±0.020	0.38	7	25	7	1	88,50 €
ptfe300-5-8					8		90,80 €
ptfe500-5-195	4.950±0.015		5	13	5		97,80 €
ptfe500-5-7					7		98,80 €
ptfe500-5-8					8		100,20 €

[1] The specified length refers to the tube below the valve.

4 mm PTFE-liner with 5 mm NMR tube (Boro 3.3, ASTM type 1 class A glass)

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
TL-4-8	4 mm				8	5	15,00 €
DTL-5-4-7	4.950±0.015	0.38	5	13	7 (tube) 8 (liner)		19,80 €
TL-5-TUBEKIT	4.950±0.015	0.38	5	13	8 (liner)		32,00 €

5 mm complete coaxial NMR tubes (Boro 3.3, ASTM type 1 class A glass)

Item No.	OD [mm]	wall thickness [mm]	concentricity [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
complete-5-3-7[1]	4.950±0.020	0.38	5	13	8 (inner tube) 7 (outer tube)	5	38,80 €

[1]The 3 mm inner tube is fused at the bottom of a 5 mm outer tube and thus not removable.

*Tubes are available with sandblasted field on request

5 mm coaxial NMR tubes (Boro 3.3, ASTM type 1 class A glass)

Item No.	OD [mm]	comment	wall thickn. [mm]	concentr. [µm]	camber [µm]	length [inch]	tubes per packing unit	price per tube
coaxialb-5-7[1]	4.950±0.020	Bruker	0.38	7	25	7 (outer tube) 8 (inner tube)	5	42,10 €
coaxialv-5-7[1]		Varian						42,10 €
coaxial-5-7-ot[1]		outer tube only				7		3,40 €

[1]The coaxial tube consists of two separate NMR tubes: a 4 mm insert, which narrows to 2 mm towards the measurement area, and a matching 5 mm outer tube.

Reference tubes

Item No.	nucleus	comment	tubes per packing unit	price per tube
tube-Li-standard	Li	1.0 M LiCl in D_2O	1	90,00 €
tube-^{11}B-standard	^{11}B	15% BF_3-OEt_2 in $CDCl_3$		90,00 €
tube-^{19}F-standard	^{19}F	$CFCl_3$ (neat; with $CDCl_3$ inner tube)		100,00 €
tube-Ti-standard	Ti	$TiCl_4$ (with $CDCl_3$ inner tube)		130,00 €
tube-^{23}Na-standard	^{23}Na	0.1M NaCl in D_2O		90,00 €
tube-Al-standard	Al	1.1M $Al(NO_3)_3$ in D_2O		100,00 €
tube-^{31}P-standard	^{31}P	86% H_3PO_4 (with $CDCl_3$ inner tube)		90,00 €
tube-^{55}Mn-standard	^{55}Mn	0.82M $KMnO_4$ in D_2O		90,00 €
tube-^{59}Co-standard	^{59}Co	0.56M $K_3[Co(CN)_6]$ in D_2O		90,00 €
tube-Sn-standard	Sn	Me_4Sn 90% in C_6D_6		100,00 €
tube-Pt-standard	Pt	1.2M Na_2PtCl_6 in D_2O		130,00 €

5 mm Shigemi NMR tubes

Item No.	solvent	comment	OD [mm]	bottom length [mm]	tubes per packing unit	price per tube
BMS-005B	D_2O	Bruker	4.965±0.010	8	5	132,00 €
BMS-005V		Varian		15		
CMS-005B	$CDCl_3$	Bruker		8		132,00 €
CMS-005V		Varian		15		
DMS-005B	DMSO-d_6 (Pyridine-d_5, C_6D_6)	Bruker		8		146,00 €
DMS-005V		Varian		15		
MMS-005B	CD_3OD (Acetonitrile-d_3)	Bruker		8		146,00 €
MMS-005V		Varian		15		
AMS-005B	Acetone-d_6	Bruker		8		190,00 €
AMS-005V		Varian		15		
CS-005	Shigemi tube cap	all 5 mm	-	-	1	13,90 €

3 mm Shigemi NMR tubes

Item No.	solvent	OD [mm]	bottom length [mm]	tubes per packing unit	price per tube
BMS-003	D_2O	3.00±0.020	10	5	190,00 €
CMS-003	$CDCl_3$				170,00 €
DMS-003	DMSO-d_6 (Pyridine-d_5, C_6D_6)				170,00 €
MMS-003	CD_3OD (Acetonitrile-d_3)				170,00 €
AMS-003	Acetone-d_6				190,00 €

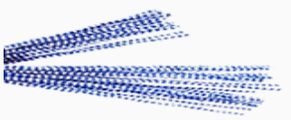
Other Shigemi products are available on request.

*Tubes are available with sandblasted field on request

If you require a product that is not listed, please feel free to contact us with your request. Also, individual specifications are possible on demand.

NMR caps are included with all tubes unless indicated otherwise. Furthermore, our NMR tubes are tested using our in-house 500 MHz NMR spectrometer.

NMR Accessories

Item No.	description	product picture	pieces per packing unit	price per pack
nmrrack	NMR tube rack for 72 tubes (5 mm)		1	65,00 €
washer	NMR tube washer, ground joint NS 29/32		1	95,80 €
pipe170	pipettebrush 170 mm		80	3,40 €
pipe300	pipettebrush 300 mm		50	5,40 €
brush	NMR brush for 5 mm tubes		1	5,00 €
vial-1,5	Vials with closure red rubber/ptfe (sandblasted field)		100	20,50 €
ms-4A-100g	4 Å molecular sieve, 100 g		many	18,90 €
ms-4A-250g	4 Å molecular sieve, 250 g		even more	38,90 €
torch	Micro torch 85 mm x 143 mm x 46 mm		1	101,90 €
pasteur150	Pasteur pipettes 150 mm		250	11,60 €
pasteur230	Pasteur pipettes 230 mm			12,20 €
pasteur310	Pasteur pipettes 310 mm			32,10 €
syr1	2-Part disposable syringes with luer tip 1 ml		100	10,60 €
syr2	2-Part disposable syringes with luer tip 2 ml			5,20 €
syr5	2-Part disposable syringes with luer tip 5 ml			8,10 €
syr10	2-Part disposable syringes with luer tip 10 ml			10,60 €
syr20	2-Part disposable syringes with luer tip 20 ml			15,00 €
needle08x120	Disposable needles, luer tip 0.8 x 120 mm			24,20 €
needle09x70	Disposable needles, luer tip 0.9 x 70 mm			9,20 €
needle08x40	Disposable needles, luer tip 0.8 x 40 mm			3,50 €
spatula	NMR Spatula 3 x 215 mm 18/8 stainless steel		1	4,70 €
ballon	Rubber ballon		1	42,30 €
stopper14	Stopper with turn-over rim, NS14		1	on req
stopper29	Stopper with turn-over rim, NS29			on req

*Tubes are available with sandblasted field on request

clamp14	Stainless steel fork clamp, NS14		1	15,00 €
clamp24	Stainless steel fork clamp, NS24			16,00 €
clamp29	Stainless steel fork clamp, NS29			16,00 €
clamp45	Stainless steel fork clamp, NS45			21,00 €
clamp-screw	Stainless steel locking screw, all sizes			4,50 €
funnel	NMR funnel		1	15,50 €
heatblock	NMR tube heatblock, 10 slots Ø 5 mm, 3 slots Ø 10 mm, 3 slots Ø 3 mm		1	329,00 €
ptfetape	PTFE tape, 0.1 mm x 12 mm x 12 m		1	1,80 €

*Tubes are available with sandblasted field on request

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DEUTERO
NMR Spectroscopy

Deutero GmbH
Am Ring 29
56288 Kastellaun
Germany

www.deutero.de
+496762 960230
info@deutero.de

Deutero GmbH is ISO 9001:2015 certified, ensuring consistently high product quality and reliable processes. We take pride in delivering our products with very short lead times