

Bruker MATCH™ System NMR Sample Tubes

We have recently introduced a new line of ultra-precision machined NMR tubes specifically made for the Bruker MATCH™ System. Featured are eight different tube sizes you can choose from, depending on sample volume. For added convenience, we have color-coded caps to match tube sizes.

*Recommended sample volumes by Bruker Biospin™. Use 3.0mm to 5.0mm OD tubes for 5mm RT probe, and 1.0mm to 3mm OD tubes for 3mm Cryo-Probe. 1.0mm size not recommended for dedicated 1 mm Bruker Probe.

Item No.	O.D. (mm)	I.D. (mm)	Length (mm)	Sample Volume (μl) *	Packed In Lots of
S-1.0-500-1	1.00 +0.010 -0.025	0.58 ± 0.010	100mm	12	5
S-1-0.73-500-1	1.00 +0.010 -0.025	0.73 ± 0.010	100mm	19	5
S-1.7-500-1	1.70 +0.010 -0.025	1.30 ± 0.010	100mm	45	5
S-2.0-500-1	2.00 +0.010 -0.025	1.60 ± 0.010	100mm	70	5
S-2.5-500-1	2.50 +0.010 -0.025	2.10 ± 0.010	100mm	120	5
S-3.0-500-1	2.99 +0.010 -0.025	2.41 ± 0.010	100mm	160	5
S-4.0-500-1	3.99 +0.010 -0.025	3.20 ± 0.010	100mm	310	5
S-4.25-500-1	4.25 +0.010 -0.025	3.43 ± 0.010	100mm	370	5
S-5.0-500-1	4.97 +0.010 -0.025	4.20 ± 0.010	100mm	490	5

S-5.0-500-1



S-2.5-500-1



S-1.7-500-1



Tapered Fluoropolymer Caps for Bruker MATCH™ Tubes

The Bruker MATCH™ tube caps, specially machined from PTFE fluoropolymer, are color coded by tube size, and correspond to the color of the tube clamp in the MATCH™ Insert Assembly, allowing quick identification of matching components.

The MATCH™ tube cap incorporates a slightly tapered inner diameter. Initially, the cap aligns and pushes easily onto the tube. It then becomes progressively tighter as the tube reaches full depth within the cap, creating a positive seal to preserve volatile sample solutions throughout short or long term storage.

The accompanying table includes caps for all current MATCH™ tube sizes, as well as for the 1.0mm OD size contained in older MATCH™ Tube Kits.

Cap Item No.	Tube Item No.	Color	Packed In Lots of
TCM100	S-1.0-500-1	Black	5
TCM170	S-1.7-500-1	Natural	5
TCM200	S-2.0-500-1	Yellow	5
TCM250	S-2.5-500-1	Red	5
TCM300	S-3.0-500-1	Green	5
TCM400	S-4.0-500-1	Blue	5
TCM425	S-4.25-500-1	Natural	5
TCM500	S-5.0-500-1	Black	5



Tapered Fluoropolymer Caps

Bruker MATCH™ System Tube Rack

Designed by Bruker Biospin™, offers convenient and secure bench top placement of MATCH™ NMR tubes, tube holders, and Bruker spinner turbines. Can hold up to 10 of each in rack.

Item No.
BTR1000



BTR1000