

Consumables - Storage

HPLC Magic Box™

**HPLC Magic Box :
Stop Dead Volume**
Sure-Fit capillary,
Uptisur™ connectors,
PEEK tubing, Upti-Cut,
wrenches. (23 parts)



HPLC Magic Box : Stainless Steel Capillaries (1/16")

Perfectly perpendicular, burr-free
end cuts, precision lengths
5, 10, 15cm with 0.13, 0.17,
0.25mm (5 units of each).
(15 parts)



HPLC Magic Box PEEK Capillaries (1/16")

Perfectly perpendicular, burr-free
end cuts, precision lengths
5, 10, 20cm with 0.13, 0.17,
0.25mm (5 units of each).
(15 parts)

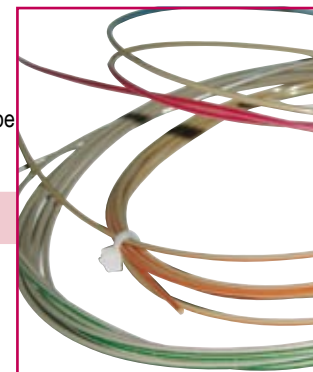


Consumables - Tubing

High pressure

PEEK Tubing

PEEK (PolyEtherEtherKetone) polymer tubing is biocompatible, chemically inert and can be used to replace stainless steel tubing. Manufactured to exact tolerances and color coded for easy identification of the tubing's inner diameter. PEEK tubing is flexible, and can be easily cut to desired lengths.- Compatible with most commonly used solvents in HPLC.



OD tolerance	ID	Striped color	Max. Pressure	3 M ± 0.05 mm	10 M ± 0.05 mm	3 M ± 0.025 mm	10 M ± 0.025 mm
1/16" (1.6 mm)	0.064 mm / 0.0025"	Pink	435 Bar / 6300 PSI			BG2960	BG2961
	0.13 mm / 0.005"	Red	420 Bar / 6100 PSI	566440	566441	BG2970	BG2971
	0.17 mm / 0.007"	Yellow	400 Bar / 5800 PSI	767110	767111	BG2980	BG2981
	0.25 mm / 0.010"	Blue	386 Bar / 5600 PSI	767120	767121	BG2990	BG2991
	0.50 mm / 0.020"	Orange	350 Bar / 4500 PSI	767130	767131		
	0.75 mm / 0.030"	Green	240 Bar / 3500 PSI	767140	767143		
	1.00 mm / 0.039"	Gray	165 Bar / 2400 PSI	676810	676811		
	1.40 mm / 0.055"	Black	62 Bar / 750 PSI	382690	382691		
1/32" (0.8 mm)	0.13 mm / 0.005"		379 Bar / 5500 PSI	T78580	T78581		
	0.18 mm / 0.007"		351 Bar / 5100 PSI	T78590	T78591		
	0.25 mm / 0.010"		310 Bar / 4500 PSI	T78600	T78601		
1/8" (3.2 mm)	0.75 mm / 0.030"		345 Bar / 5000 PSI	676940	676941		
	1.59 mm / 0.062"		224 Bar / 3250 PSI	803770	803771		
	2.00 mm / 0.079"		165 Bar / 2400 PSI	676950	676951		

Technical Tip

Recommended tubing ID's between Injector and detector

Flow rate (ml / min)	Tubing ID (mm)
0.005 to 0.2	0.13 mm
0.2 to 0.5	0.13 to 0.17 mm
0.5 to 1.0	0.17 to 0.25 mm
2.0 to 10	0.25 mm
10 to 25	0.25 to 0.50 mm
50 to 100	0.50 to 0.75 mm



PEEK Capillaries
Magic Box
PN : BZ3310