

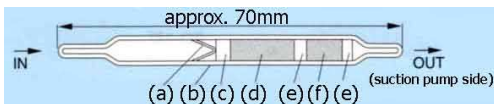
Charcoal & Silica Gel Tubes

Charcoal tube, Standard Type



Activated Charcoal is a high performance sorbent for nonpolar organic solvents and, thus used widely. The Charcoal tube is a sorbent tube for organic gas sampling. It is filled with two layers of activated charcoal (100mg for the first layer and 50mg for the second at 20 to 40mesh) and sealed at both ends. Cut both ends before sampling, then sample air from the side of the 100mg layer using a sampling pump.

Code	Item
080150-053	Charcoal Tube, Standard Type, with cutting, 120 pcs.
080150-054	Charcoal Tube, Standard Type, 24 pcs.



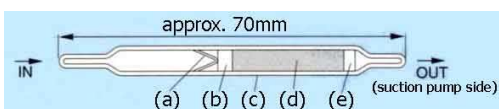
- (a) Spring stopper
- (b) Glass tube (OD: ϕ 6mm)
- (c) Quartz wool
- (d) Active charcoal, 20-40mesh, 100mg
- (e) Urethane foam
- (f) Active charcoal, 20-40mesh, 50mg



Charcoal tube, Single layer Type

This type of Charcoal tube is filled with only a single layer of 200mg activated charcoal at 20 to 40mesh. Use the Single layer Type when you do not need backup charcoal.

Code	Item
080150-0531	Charcoal Tube, Single layer, with cutting plate, 120 pcs.
080150-0541	Charcoal Tube, Single layer, 24 pcs.



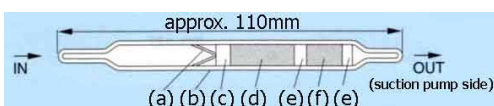
- (a) spring stopper
- (b) Quartz wool
- (c) Glass tube (OD: ϕ 6mm)
- (d) Active charcoal, 20-40mesh, 200mg
- (e) Urethane foam



Charcoal tube, Jumbo Type

This Charcoal tube is for organic solvent sampling in industrial hygiene. It is filled with two layers of activated charcoal (first with 200mg & second with 400mg), and sealed at both ends. The Jumbo Type Charcoal tube is filled with an increased amount of charcoal than the standard type. Thus it is especially fit for sampling high-volatile organic chemical vapors as methyl bromide.

Code	Item
080150-0532	Charcoal Tube, Jumbp, 60 pcs.



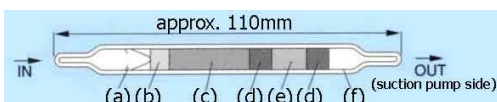
- (a) Spring stopper
- (b) Glass tube (OD: ϕ 8mm)
- (c) Quartz wool
- (d) Active charcoal, 20-40mesh, 400mg
- (e) Urethane foam
- (f) Active charcoal, 20-40mesh, 200mg

Silica Gel Tube, Standard Type



Silica Gel is a high performance sorbent for polar compounds. It is used for organic solvent measurement in industrial hygiene.

Code	Item	
080150-061	Silica Gel Tube, OD8mm x 110mm	12 pcs.
080105-063	Silica Gel 260/520mg	120 pcs.



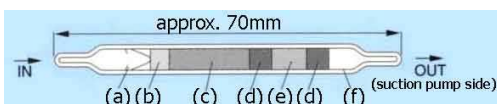
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|----------------------------------|----------------------------------|
| (a) Spring stopper | (d) Urethane foam |
| (b) Quartz glass wool | (e) Silica gel, 20-40mesh, 260mg |
| (c) Silica gel, 20-40mesh, 520mg | (f) Glass tube (OD: ϕ 8mm) |

Silica Gel Tube, Small Type



This Silica Gel Tube is for organic solvent sampling in industrial hygiene. It is filled with two layers of silica gel (first with 150mg / second with 75mg, 20 to 40mesh). This Silica Gel Tube complies with NIOSH specifications for measurement of amine series.

Code	Item	
080150-0631	Silica Gel Tube, OD6mm x 70mm	60 pcs.
	Silica Gel 75/150mg	



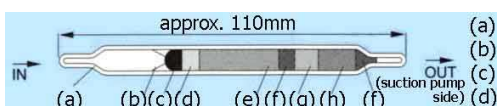
- | | |
|----------------------------------|---------------------------------|
| (a) Spring stopper | (d) Urethane foam |
| (b) Quartz glass wool | (e) Silica gel, 20-40mesh, 75mg |
| (c) Silica gel, 20-40mesh, 150mg | (f) Glass tube (OD: ϕ 6mm) |

Charcoal Silica Gel Tube, Standard Type



The Charcoal Silica Gel Tube is filled with activated charcoal and silica gel to sample both polar and nonpolar substances at once.

Code	Item	
080150-081	Charcoal Silica Gel Tube, OD8mm x 110mm	12 pcs.
	Charcoal 50/100mg, Silica Gel 300/600mg	



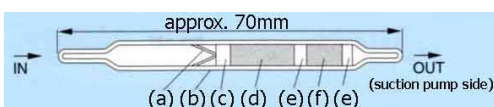
- | | |
|---------------------------------------|--------------------------------------|
| (a) Glass tube (OD: ϕ 8mm) | (e) Silica gel, 20-40mesh, 600mg |
| (b) Spring stopper | (f) Urethane foam |
| (c) Quartz glass wool | (g) Active charcoal, 20-40mesh, 50mg |
| (d) Active charcoal, 20-40mesh, 100mg | (h) Silica gel, 20-40mesh, 300mg |

Carbon Beads Active, Standard Type



It is a gas collection tube for non-polar organic solvents using petroleum synthetic spherical activated carbon as an adsorbent. Connecting to a sampling pump, collected substance is extracted with a solvent, and then analyzed by gas chromatography. It absorbs and desorbs better than coconut shell activated carbon, and has good storage performance after collection. This product is filled with spherical activated carbon of 20-40 mesh, front layer 100mg and rear layer 50mg. Because of the two-layer system, it is possible to determine the amount of breakthrough during measurement.

Code	Item
080150-090	Carbon Beads Active, Standard Type 24 pcs.



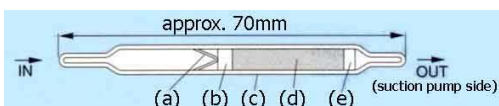
- (a) Spring stopper
- (b) Glass tube (OD: ϕ 6mm)
- (c) Quartz wool
- (d) Active charcoal, 20-40mesh, 100mg
- (e) Urethane foam
- (f) Active charcoal, 20-40mesh, 50mg

Carbon Beads Active, Single Layer Type



This product is filled with spherical activated carbon of 20 to 40 mesh in a single layer of 200 mg. The single-layer type has excellent suction stability and is suitable for applications that do not require activated carbon for backup.

Code	Item
080150-094	Carbon Beads Active, Single Layer Type 24 pcs.



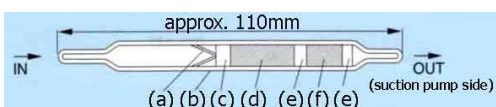
- (a) spring stopper
- (b) Quartz wool
- (c) Glass tube (OD: ϕ 6mm)
- (d) Active charcoal, 20-40mesh, 200mg
- (e) Urethane foam

Carbon Beads Active, Jumbo Type



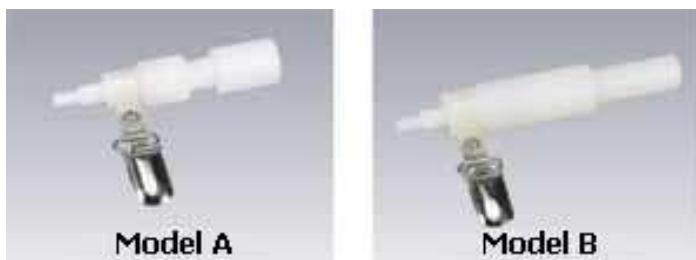
This product is filled with spherical activated carbon of 20 to 40 mesh, 400 mm in front layer and 200 mm in rear layer. Because it has a larger amount of spherical activated carbon than the standard type, it is particularly suitable for sampling volatile organic compound gases and can be used for long periods of time in high-concentration environments. In addition, because it is a two-layer system, it is possible to determine the amount of breakthrough during measurement.

Code	Item
080150-093	Carbon Beads Active, Jumbo Type 12 pcs.



- (a) Spring stopper
- (b) Glass tube (OD: ϕ 8mm)
- (c) Quartz wool
- (d) Active charcoal, 20-40mesh, 400mg
- (e) Urethane foam
- (f) Active charcoal, 20-40mesh, 200mg

Sampling Tube Holders, Model A, B



Code	Item	Acceptable tube
080150-055	Gas tube holder, Model A	080150-053, -0531, -054, -0541, -0631
080150-065	Gas tube holder, Model B	080150-061, -063, -0532, -081

 **SIBATA**

Air sampling
solutions ...



**Sampling Pump,
Model MP-W5P**

SIBATA SCIENTIFIC TECHNOLOGY LTD.

1-1-62, Nakane, Soka, Saitama, 340-0005, Japan.

Phone: +81-48-933-1582

Fax: +81-48-933-1591

E-mail: overseas@sibata.co.jp

URL: <http://www.sibata.co.jp>

Specifications and appearances shown in this document are based on information as of January 2020. They are subject to change without notice for improvement of the product.

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