

Rebreathing/Gas Collection Bags and Stopcocks



Non-Diffusing Gas Collection Bags

These lightweight bags are made of five layers of different materials bonded to form one 0.14 mm (5.5 mil), flexible, leakproof, impermeable material. The materials are inert and will not react with or absorb gas.

These collection bags have a large 35 mm (1-3/8 in) ID molded opening with 'O' rings for a slip sealing fit over standard 35 mm (1-3/8) male fittings.

On one side of this opening is a female Luer lock port and on the opposite side is a hose barb. Both can be used for sampling or injection. The female Luer port is connected to an internal 1.6 mm (1/16 in) bore tubing looped inside the bag

- For the collection of physiological gases or the delivery of known gas concentrations

for mixing and sampling. Mounted on the lower portion of the Bag is a self sealing septum for syringe withdrawal or injection. The opposite side has an on/off valve with a hose connection. These bags are available in 6 sizes and are supplied non-sterile.

These bags are typically used with a stopcock, having one port measuring 35 mm (1-3/8 in) OD.

Non-Diffusing Gas Collection Bags

Specifications	Functional Volume					
	5 Liters	15 Liters	30 Liters	60 Liters	100 Liters	170 Liters
Total Bag Volume	5 Liters	22 Liters	44 Liters	70 Liters	100 Liters	170 Liters
Dimensions, L x W	68.8 x 20.3 cm (27 x 7.9 in)	73.6 x 40.6 cm (28.9 x 15.9 in)	71 x 61 cm (27.9 x 24 in)	79 x 61 cm (31.1 x 24 in)	79 x 83 cm (31.1 x 32.6 in)	79 x 140 cm (31.1 x 55.1 in)
Weight, approx.	164 g (5.8 oz)	220 g (7.7 oz)	285 g (10 oz)	295 g (10.4 oz)	340 g (12 oz)	482 g (17 oz)
Catalog No.	CGS 8407.68	CGS 8408.68	CGS 8409.68	CGS 8410.68	CGS 8411.68	CGS 8412.68



Rebreathing/Short-Term Gas Collection Bags

These flat bags with two pleats are ideal for use with rodents, other small animals and dogs. They are made from pure latex rubber that is more pliable than neoprene rubber. They have a closed tail piece that can be cut for flow-through procedures or for adding a small stopcock, see to right, to assist in filling and evacuating these bags.

These bags are supplied non-sterile and are available in four sizes: 50 ml, 200 ml, 500 ml and 1 liter. The 50 ml and 200 ml sizes have a rolled 10.2 mm (0.4 in) ID neck without a rubber insert. The 500 ml and 1 liter sizes have a 22 mm (0.9 in) ID neck with a rubber insert and a hang-up loop on the tail piece.

- For the collection of gases for short term use
- Stopcocks for filling and evacuating rebreathing bags without interruption to breathing circuit

These bags are not intended for long-term gas storage since they are permeable. For non-diffusing gas collection bags. For use with other items make note of the neck insert size.

Small Three-Way Stopcock Shown on Gas Collection Bag



Catalog No. Product

CGS 8413.68	Gas Collection Bag, 50 ml, 10.2 mm Neck ID
CGS 8414.68	Gas Collection Bag, 200 ml, 10.2 mm Neck ID
CGS 8415.68	Gas Collection Bag, 500 ml, 22 mm Neck ID
CGS 8416.68	Gas Collection Bag, 1 liter, 22 mm Neck ID
CGS 8417.68	2-Way Stopcock
CGS 8418.68	3-Way Stopcock