

## Harvard Douglas Bags and Accessories



### Douglas Bag Tubing

This soft, flexible, ethylene vinyl acetate copolymer Tubing has a 30 mm bore resulting in a nearly 50% greater cross section than traditional 22 mm bore tubing. Low profile annular rings make the Tubing resistant to distortion when bending occurs so that maximum cross-sectional area is maintained.

Harvard offers the Tubing in four lengths. The 15.2 cm, 0.5 m and 1 meter lengths are supplied with one 50-1015 Sealing Ring at each end.

Catalog No.	Product
CGS-8450.68	Tubing, 15.2 cm (1/2 ft)
CGS-8451.68	Tubing, 0.5 m (1.6 ft)
CGS-8452.68	Tubing, 1 m (3.3 ft)
CGS-8453.68	Tubing, 10 m (32.8 ft)
CGS-8454.68	Sealing Rings, these Viton O-Rings fit into corrugations at the ends of Douglas bag tubing; they are used to seal the tubing to a plastic connector; supplied in a package of 10



### One-Way Air Valve

The One-Way Air Valve is controlled by inspiration and expiration; one valve opens and the other closes on inspiration, and vice versa on expiration. The gas stream can flow in only one direction.

The Valves consist of thin mica discs mounted in a cast plastic frame. The mica disc is held in the center of the frame by a nickel-plated brass threaded shank that has a soft stainless steel spring mounted on it. The mica disc moves against this soft spring and opens with the slightest positive pressure.

The hose connectors are made of tapered plastic and have a groove at the top. An Sealing Ring seats in this groove and effectively locks and seals the Tubing to the Valve.

Catalog No.	Product
CGS-8455.68	One-Way Air Valve

### Douglas Bags

These tough, polyvinyl chloride collection Bags have electrically welded seams. They are tougher, lighter, more flexible and less gas permeable than rubber bags reducing measurement errors. They are available in five sizes and are supplied individually with a plug and spring clip.

Catalog No.	Product
CGS 8456.68	Douglas Bag, 25 Liters
CGS 8457.68	Douglas Bag, 50 Liters
CGS 8458.68	Douglas Bag, 100 Liters
CGS 8459.68	Douglas Bag, 150 Liters
CGS 8460.68	Douglas Bag, 200 Liters
CGS 8461.68	Replacement Plug
CGS 8462.68	Replacement Spring Clip



### Absorbent Indicator Canister

This 600 ml Absorbent Indicator Canister can be placed in the tubing circuit at any desired point. Because the Canister is made of transparent plastic, it can be used with a Color-Indicating CO<sub>2</sub> Absorbent. The cylinder is 80 mm in diameter x 125 mm long (3-1/4 x 5 in). End connectors with screens are provided at each end of the Canister.

Catalog No.	Product
CGS 8463.68	Absorbent Indicator Canister
CGS 8464.68	Color-Indicating CO <sub>2</sub> Absorbent, 3 kg (6.5 lb), 5 to 10 mesh;



### Tubing Adapter, 30 to 22 mm

Douglas Bags with 22 mm bore tubing are still in use. This Adapter connects 22 mm and 30 mm bore tubing so that components of old and new Douglas Bags can be used together.

Catalog No.	Product
CGS 8465.68	Tubing Adapter, 30 to 22 mm