

Heavy Duty Super/SkinnySleeve Assembly Instructions

Introduction

The most common practical limitation for no-purge sampling is sample volume. The HydraSleeve Super/SkinnySleeve was designed for maximum fill rate and maximum volume to address this issue. The HydraSleeve SS consists of a special threaded 2-piece top weight (or 2-piece PVC Collar.

Please use these assembly instructions in conjunction with the standard HydraSleeve Field Manual.



Assembly

Attach the Bottom Weight

Fold bottom of sleeve in half vertically to align holes. Open prongs of bottom weight clip by squeezing. Insert reusable weight clip through holes and attach the bottom weight.



Attaching the Sleeve to the Top Weight

Insert the open (check valve) end of the HydraSleeve SS through the bottom of the stainless steel portion of top weight (or small PVC ring when using collars) until about 1/2 inch of the open sleeve protrudes above the female threads.



Thread stainless steel weight (or small PVC ring when using collars) (female thread) onto PVC top piece (male thread) locking the top of the HydraSleeve SS between the threads.

For schedule 40 wells the top of the HydraSleeve may be stretched slightly to fit over the male threads.



Ensure that the pieces are securely threaded together. Hold the top portion in one hand and the bottom portion in your other hand and try to pull them apart. If threaded properly they will not come apart and the SuperSleeve should be securely locked in between the threads of the 2 weight pieces.



Assembled

Assembled 1-liter HydraSleeve SS



Allow Weight to Settle

1. Lower the HydraSleeve SS into the well until the bottom weight touches the bottom.

2. Depending on the length of the HydraSleeve, provide enough slack tether to allow the top weight to fully compress the sampler into the bottom of the well.

Example – At least an additional 3 feet of tether for a 1-liter (31-inches long) HydraSleeve SS.



2-Inch HydraSleeve SS Sizes

Universal Heavy Duty Super/SkinnySleeves
~1.0 liter = 31 inches
~1.5 liter = 49 inches
~2.0 liter = 60 inches



Compression and Fill Rates

Examples:

1-liter HydraSleeve SS (~3-feet long) will compress to within 1 foot of bottom of 2-inch sch 40 well screen in about 2 hours.

1-liter HydraSleeve SS requires ~3 feet of water over the top of the sampler to completely fill.

2-liter HydraSleeve SS (5-feet long) will compress to within 2 feet of bottom of 2-inch sch 40 well screen in about 4 hours.

2-liter HydraSleeve SS requires about 5 feet of water over the top of the sampler to completely fill.



See website for other compression/filling information
www.hydrasleeve.com
800-996-2225