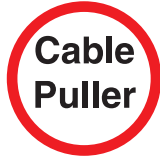


Accuflex Beverage Transfer Products

Best Practices — Installation of **Bev-Seal Ultra**[®] Lined hose, tubing & bundles



Recently, there has been a major change in the hose and tubing used in beverage dispensing applications.

At the request of the major beverage manufacturers, a flushable design and construction for hose and tubing was developed, tested and approved. Unlike conventional polyethylene hose and tubing, the new product has a liner that eliminates permeation and is flushable. Not just "good enough," but truly flushable.

Used in both **Bev-Seal Ultra**[®] Series 175 hose and Series 235 tubing, this liner is made from a relatively hard resin. This introduces some different handling requirements.

Installation of bundles – When pulling a bundle through a chase, the use of a cable puller is highly recommended. This makes the process easier and minimizes the chance of stretching a single line, damaging the liner or reducing the flow rates.

Cutting – Sharp tools are necessary, not just for ease of cutting but to better slice through the liner. It is also recommended that, after installing a bundle, the individual ends be trimmed prior to the installation of fittings.

Fitting installation – When installing fittings, use of a water spray as a lubricant will ease the job.

Hot water rinse – After installation, a 10-minute hot

water rinse applied to hose, tubes and bundles is recommended to rinse out any debris and relieve stress in the liner(s).

Sanitizing – The use of standard sanitizers is encouraged, but care should be taken not to exceed the recommended concentration, particularly with strongly alkaline solutions. It is essential that all sanitizers be flushed out thoroughly with a 5 to 10 minute hot water flush.

Pinching off the ends of a hose or tube – Although we recognize that there are some situations that may arise that require this practice, such as during the repair and maintenance of equipment, it is not generally recommended that hose or tubing be pinched off. Doing so, unless followed by a hot water rinse, creates stress in the liner which may lead to premature failure.

Flavor changes – **Bev-Seal Ultra**[®] hose and tubing products allow changes from pungent flavors to non-pungent flavors with a relatively simple flushing procedure. It is suggested that the tube or hose carrying the pungent flavor be rinsed out with water until the water runs clear, then be flushed with a mild sanitizer for 10 minutes. The sanitizer can then be flushed out with hot water for 10 to 15 minutes before introducing the new flavor. This procedure is effective with even the most pungent beverages, including fruit flavors.

Because we continually examine ways to improve our products, we reserve the right to alter specifications without notice.