

HIGH PERFORMANCE

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TYGON® Tubing

# Norwell® Universal Samplers

Norwell® Dipstik

Norwell® Mucksucker

Norwell® Pinpointer

Norwell® Accessories



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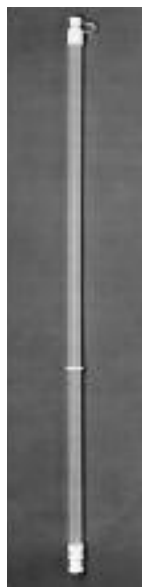
# Safe. Accurate. Easy to Use.

Norwell® Universal Samplers allow safe, accurate and easy sampling of liquid and sludge from the most common sources — 55-gallon drums, truck and rail tank cars, large tanks, process vessels, streams, lakes, rivers and lagoons. Engineered to provide long-lasting dependability and outstanding performance, Norwell® Universal Samplers innovative features make them versatile and cost efficient.

Norwell® Samplers are designed to handle liquids and other substances, from very low viscosity fluids to extremely thick sludge with high solids content. All sampling tubes are translucent, permitting visual inspection of the contents. This visibility also helps the user to see immiscible layers and to determine the sludge depth in composite samples.

Constructed of chemically inert, 100% virgin PTFE fluoropolymer resin, Norwell® Universal Samplers minimize absorption and adsorption. Each sampler allows unbiased sampling of substances with infinitely varied chemical compositions. Containing no fillers or plasticizers, all sampler surfaces resist corrosion and are non-leaching. Unlike glass, Norwell® Universal Samplers are virtually unbreakable. Wear resistant and extremely durable, they stand up to the toughest field use and handling. All components incorporate a unique, round inner thread design that facilitates easy cleaning. PTFE components can be sterilized by use of a steam autoclave, dry heat or appropriate gas.

## Norwell® Dipstik



The Dipstik is an outstanding tool for sampling free-flowing liquids in almost any application. This sampler tool is available in either PTFE or disposable polypropylene.

### Features:

The **Safety Pouring Top** permits safe, neat emptying of contents. The cap inserts securely to prevent accidental spills during handling, and is attached with a tether to prevent misplacement.

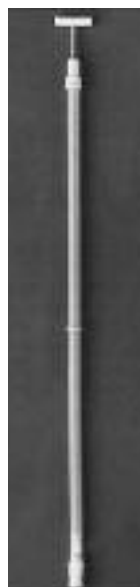
The **PTFE Indicator Ring** provides an easy method of marking fluid levels, as well as immiscible layers within drums and tanks.

The **Push/Seal Bottom** allows easy closing of the sampling tube when the desired volume of liquid has been collected. It snaps closed with a quick push against the bottom or side of the drum or tank.

The Norwell® Dipstik can also be used with the **Controlled-Flow Valve**. The Controlled-Flow Valve allows precise, controlled dispensing of low-viscosity samples. The valve controls flow rate from slow drip to rapid empty. The Controlled-Flow Valve is inserted into the Safety Pouring Top. (Catalog No. D8653053)

| Catalog No. | Description            | Capacity (ml) | Length (mm) |
|-------------|------------------------|---------------|-------------|
| D8653242    | 40" PTFE fluoropolymer | 300           | 1016        |
| D8653274    | 7' PTFE fluoropolymer  | 650           | 2134        |
| D8653276    | 40" Polypropylene      | 300           | 1016        |
| D8653275    | 7' Polypropylene       | 650           | 2134        |

## Norwell® Mucksucker



Durable, safe and easy to handle, the Mucksucker permits clean, efficient sampling of high-viscosity fluids, sludge and tar-like substances. The Mucksucker can also efficiently draw samples when only a small amount remains at the bottom of the drum or tank.

### Features:

The **Piston Assembly** provides high-suction syringe action for sampling viscous liquids and sludge.

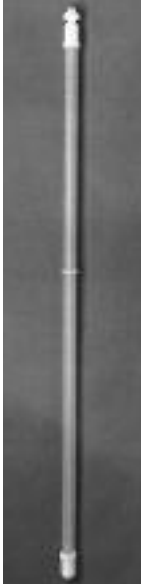
The **Push/Seal Bottom** allows easy closing of the sampling tube when the desired volume of liquid has been collected. It snaps closed with a quick push against the bottom or side of the drum or tank.

In addition to the Push/Seal Bottom, each Mucksucker comes with a **Coring Bottom**. The Coring Bottom is an alternate, wide-mouth sampling end for use in drawing up sludge-like substances. The Coring Bottom easily screws on to the end of the sampling tube. (Catalog No. D8653256)

| Catalog No. | Description            | Capacity (ml) | Length (mm) |
|-------------|------------------------|---------------|-------------|
| D8653259    | 40" PTFE fluoropolymer | 200           | 1016        |
| D8653260    | 7' PTFE fluoropolymer  | 475           | 2134        |

# Norwell® Accessories

## Norwell® Pinpointer



The Norwell® Pinpointer is used for simple, precise liquid sampling at specific depths. Accurate and easy to operate, the Pinpointer permits sampling of liquids and sludge from predetermined points within drums, tanks and other sources.

### Features:

The **Valve Assembly** provides a reliable means for the user to sample at specific depths.

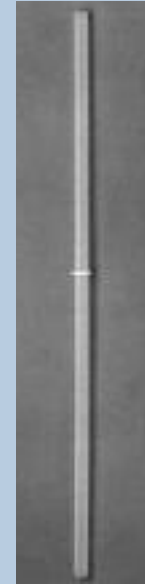
| Catalog No. | Description            | Capacity (ml) | Length (mm) |
|-------------|------------------------|---------------|-------------|
| D8653268    | 40" PTFE fluoropolymer | 200           | 1016        |
| D8653269    | 7' PTFE fluoropolymer  | 475           | 2134        |

## Tube Cleaning Brush



The Norwell® Tube Cleaning Brush provides an easy way to clean all sampling tubes. It features a nylon brush head that threads onto a 2' rod handle; you can connect as many additional 2' handle extensions as needed. The basic brush is 4' 6" in total length. (Catalog No. D8653284)

## PTFE Sampling Tube Assembly



The Norwell® PTFE tube is ideal for sampling virtually all substances. Special round threads are designed for easy cleaning. The Norwell® PTFE tube includes a PTFE indicator ring that makes it easy to mark fluid levels, as well as immiscible layers within drums and tanks.

## Extension Coupling



The Norwell® Extension Coupling is threaded to allow connection of a 40" to a 7' tube or two 7' tubes. **WARNING:** When sampling - hazardous or unknown substances, never connect two or more 7' tubes as the weight of the contents may be too

heavy to permit safe handling. (Catalog No. D8653271)

| Catalog No. | Description            | Capacity (ml) |
|-------------|------------------------|---------------|
| D8653241    | 40" PTFE fluoropolymer | 300           |
| D8653240    | 7' PTFE fluoropolymer  | 650           |

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