



Thin-Layer Chromatography (TLC) Syringes

The first 19 mm of a Thin-Layer Chromatography needle is coated with PTFE. The coating reduces the surface tension between the needle and the liquid, making it ideal for reproducible sample

spotting. The TLC syringe is available as a cemented needle (SNTLC) or as a replacement needle to be installed into a standard removable needle (RN) syringe.

Removable Needle (RN)



P/N	Volume	Series	Needle
7653-01	10 µL	1700	8646-02
7654-01	25 µL	1700	8646-03
7655-01	50 µL	1700	8646-05
7656-01	100 µL	1700	8646-05
7657-01	250 µL	1700	8646-01
7658-01	500 µL	1700	8646-01
7649-01	1 mL	1000	8646-01
7650-01	2.5 mL	1000	8646-01
7651-01	5 mL	1000	8646-01
7652-01	10 mL	1000	8646-01





Carbon Analyzer Syringes

These syringes are used for water analysis with Total Organic Carbon (TOC) analyzers. TOC syringes feature a unique termination that has a male, luer tapered hub that is cemented on the syringe barrel.

This special termination is designed to fit precisely into the inlet of a TOC analyzer. The wetted parts are stainless steel and borosilicate glass. The plungers and barrels are not interchangeable or replaceable.

Special Termination



P/N	Volume	Gauge	Length	Point
80550	50 μ L	24 ga	51 mm	3
80551	50 μ L	26 ga	64 mm	3
80660	100 μ L	24 ga	51 mm	3
80770	250 μ L	24 ga	51 mm	3





Life Science Syringes

Hamilton Company offers a wide variety of syringes for life science applications. From gel-loading syringes to custom needles and specialized syringes for animal injections, Hamilton has a solution for many precision liquid handling applications.

