
















Syringe Series

Syringe Series	Volume	Syringe Type	Plunger Type
7000	0.5 µL – 5 µL	Modified Microliter	Tungsten plunger
700	5 µL – 500 µL	Microliter	Stainless steel fitted plunger
800	5 µL – 250 µL	Microliter	Reinforced stainless steel fitted plunger
1700	10 µL – 500 µL	Gastight	Polymer tipped plunger
1800	10 µL – 250 µL	Gastight	Reinforced polymer tipped plunger
1000	1 mL – 100 mL	Gastight	Polymer tipped plunger
Super Syringe	0.5 L – 2 L	Gastight	Plunger with polymer tip with Buna-N seal

Syringe Terminations

Termination	Image	Abbreviation	Remark	Autoclavable
Cemented Needle		N	For low-volume syringes	No
Luer Tip Cemented Needle		LTN	For mid-volume syringes	No
Removable Needle		RN		Yes if disassembled
Knurled Hub		KH	For Modified Microliter syringes only	Yes if disassembled
Luer Tip		LT		Yes if disassembled
PTFE Luer Lock		TLL		Yes if disassembled
SampleLock™		SL	Integrated on/off valve	No
Fixed Needle		FN	Found on CTC C-Line and X-Type syringes	No
Cheminert®		C	1/4"-28 UNF/threaded connection	No

Needle Point Styles

Point Style	Description	Application
2 	10-12° sharp, beveled, curved non-coring	Gas chromatography, septum piercing
3 	Blunt, electro-polished	High performance liquid chromatography (HPLC) injection, thin layer chromatography (TLC), general liquid handling, controlled animal injections
3T 	Blunt, electro-polished, coated with PTFE 19 mm from the tip	Thin layer chromatography (TLC) applications
4 	Sharp 10-12° beveled needle	Life science/animal injections
5 	Conical with side port for penetration without coring	Headspace, applications prone to needle clogging, causes minimal septum damage
AS 	Conical, non-coring designed to withstand multiple injections	Autosampler injection, pre-pierced septa

