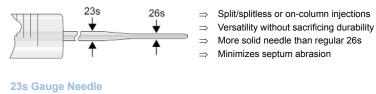
Technical Syringe Information

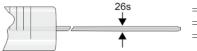
23s-26s Dual Gauge Tapered Needle

Gauge Index Table





26s Gauge Needle



Fine gauge offers versatility
On-column injections
Split/splitless injections

septum injections Packed column injections

Split/splitless injections

Gauge	Nominal O.D. mm*	Nominal O.D. mm*	Wall Thickness mm*	Volume µL/Inch
26s	0.474	0.127	0.35	0.322
26	0.464	0.260	0.20	1.349
25s	0.515	0.153	0.36	0.464
25	0.515	0.260	0.25	1.349
24	0.566	0.311	0.25	1.930
23s	0.642	0.116	0.53	0.268
23	0.642	0.337	0.30	2.266
22s	0.718	0.168	0.55	0.563
22	0.718	0.413	0.30	3.403
21	0.819	0.514	0.30	5.271
20	0.908	0.603	0.30	7.255
19	1.067	0.686	0.38	9.389

Plunger Tips

- PE-HD - with better durability than virginal PTFE when working with saline solution

- PTFE - gas tight sealing of the plunger tip, for most solvents and chemicals

- PTFE NUB - PTFE compound with highest durability and chemical resistant combined with low electrostatic effects

- SS-Gold coated * - Gold coated stainless steel, developed for use with aggressive solvents (e.g. strong acids)

*regular SS plunger syringes are available as gold coated version on request

*mm are nominal

Syringe Terminatio	xed Needle	LT - Luer Tip (with Fixed Needle) TLL/TLL-X - To	əflon (PTF d	FE) Luer Lock
RN - Remova	ble Needle	LT - Luer Tip (without Needle)		1/4"-28 UNF
Needle Tip Styles			SGE	Hamilton
Tip Style AS and c		Special conical needle recommended for septum penetration (Autosampler Type).	1	AS
Tip Style a		Beveled needle is recommended for life science applications.	2	4
Tip Style b		Blunt needle for use with HPLC Injection valves and for sample pipetting.	3	3
Tip Style d) •	Conical needle with side port is recommended for penetration of septa, thin-gauged vinyls and plastics without coring (Headspace GC).	5	5

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