

Product Data Sheet



Syringe Line 6cm XLP

The 6cm XLP syringe is designed and manufactured in Las Vegas Nevada under stringent manufacturing and quality standards. These precision syringes are commonly used in clinical and analytical instrumentation where precision dispense is critical. The syringes are available in many different configurations and volumes to handle your most critical applications.

Physical

Length: 4.22"

End Cap: ¼-28 Plunger Button: XLP style

Optimal Internal Pressure 80 PSI

Environmental

Storage Temperature: 10°F to 180°F °C

Operating Temperature: 50°F to 104°F

Humidity: up to 100%

Chemical

Wetted Materials

Borosilicate Glass, Teflon (PTFE)

UHMW (optional tip material)

Lubricated with Medical grade lubricant GE SF96

Performance

Cycle life:

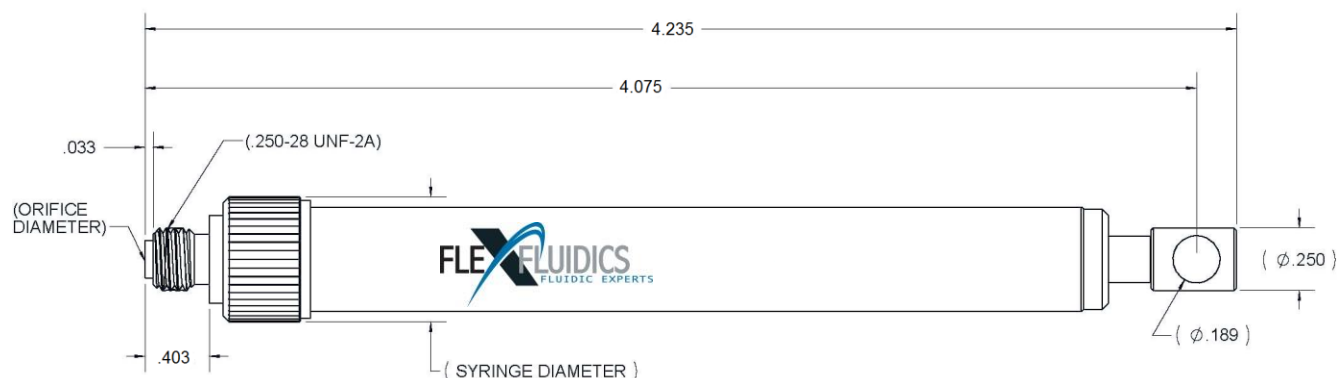
PTFE Tip= up to 400K full stroke cycles*

UHMW Tip = up to 800k full stroke cycles*

Accuracy/Precision

1% at 10% of total volume (with Di Water)

Syringe Sizes	25ul	50ul	100ul	250ul	500ul	1ML	1.25ML	2.5ML	5ML	10ML	25ML	50ML	
Syringe (End Cap Size)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.75	1.15	1.5	
Orifice Size	0.016	0.024	0.032	0.039	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	
Drag Force (Max)	PTFE Teflon	3	3	3	3	3	3.5	3.5	4	6	6	8	8
	UHMW	5	5	5	5	5	6	6	7	7	8	10	15



*Syringe Performance listed above is optimal and will vary depending on many factors including: application, syringe size, fluids, temperature, speed, and cleaning/flushing routine.

Product Line/Ordering Information

Part Number Matrix				
Size	Tip Material (Teflon PTFE)		(Tip Material UHMW)	
25ul	105025TXLP		106025PEXLP	
50ul	105050TXLP		106050PEXLP	
100ul	105100TXLP		106100PEXLP	
250ul	105250TXLP		106250PEXLP	
500ul	105500TXLP		106500PEXLP	
1ML	101005TXLP		101006PEXLP	
1.25ML	101255TXLP		101256PEXLP	
2.5ML	102505TXLP		102506PEXLP	
5ML	105005TXLP		105006PEXLP	
10ML	100005TXLP		100006PEXLP	
25ML	205025TXLP		206025PEXLP	
50ML	205050TXLP		206050PEXLP	

Ordering/Shipping Information

Lead-time: Stock to 4 weeks

Terms: Std N30 - Inquire for other terms

Payment: Check, Credit Card, or Wire

Shipping Methods: UPS, Federal Express, DHL, Freight Forwarder

We ship to any business address Worldwide

Packaging: Syringes are individually in bubble pack bags/White chip board box

To order or get technical information please call or email:

Steve Szabo Email: sszabo@flexfluidics.com

Phone: 702-755-6778

Office Phone: 702-750-0065

Flex Fluidics also offers complete lines for 3cm short stroke and replacement syringes for most other manufactures/OEM's. If you have a unique application we can custom design specific to your needs to insure success in your application. Give us a call to discuss your application needs today.

Syringes are not for Human Use.

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