

# 2.5 mL, Model 1002 Luer Tip (LT) Threaded Plunger Syringe, Needle Sold Separately

Specification Sheet (Part/REF # 81441)



Threaded Plunger Syringes are for applications requiring extremely precise plunger movement or minute fluid manipulation. You can dispense from 0.33 to 37.79  $\mu$ L per plunger revolution depending on the syringe volume.

## Product Specifications

Volume	2.5 mL
Syringe Type	Gastight
Syringe Series	1000
Termination	Luer Tip (LT)
Needle	Kel-F Hub
Gauge	No Needle Included
Point Style	No Needle Included
Needle Length	No Needle Included
Fluid Path	Borosilicate glass, PTFE
Autoclavable	Yes to 115 °C
Gas Sterilizable	Yes
Pressure	200 psig (13.8 bar)
Maximum Temperature	80°C / 176°F
Minimum Temperature	10°C / 50°F
Barrel Inner Diameter	0.287 inches (7.29 mm)
Barrel Outer Diameter	0.375 inches (9.53 mm)
Volume per rotation	37.79 $\mu$ L
Std Needle Dead Volume	N/A
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice  
<https://www.hamiltoncompany.com/syringes/81441>

Spec. Version B