

1 mL Syringe, Gastight #1001, Cemented Needle: 22 Gauge, 2 Inches, Point Style 3

Specification Sheet (Part/REF # 81316)



The 1000 series syringes are a mid-volume Gastight syringe. This series of syringes is ideal for dispensing volumes from 1 mL up to 100 mL. A variety of different terminations and needle options are available in this series.

Product Specifications

Volume	1 mL
Syringe Type	Gastight
Syringe Series	1000
Termination	Luer Tip Cemented Needle (LTN)
Needle	Cemented Needle
Gauge	22 gauge
Point Style	3
Needle Length	2 inch (51 mm)
Fluid Path	SST, borosilicate glass, PTFE
Autoclavable	No
Gas Sterilizable	Yes
Pressure	200 psig (13.8 bar)
Maximum Temperature	50°C / 122°F
Minimum Temperature	10°C / 50°F
Barrel Inner Diameter	0.181 inches (4.61 mm)
Barrel Outer Diameter	0.355 inches (9.02 mm)

Needle Inner Diameter	0.0161 inches (0.41 mm)
Needle Outer Diameter	0.0283 inches (0.72 mm)
Std Needle Dead Volume	6.81 μ L
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/laboratory-products/syringes/81316>