

500 µL, Gastight Syringe, Luer Tip Cemented Needle (LTN), PN: 81217

Specification Sheet (Part/REF # 81217)



Split/splitless injection consists of a heated chamber with a glass liner into which the sample is injected through the septum. A microsyringe is used to inject the sample through a rubber septum into a flash vaporizer chamber at the head of the column.

Product Specifications

Volume	500 µL
Syringe Type	Gastight
Syringe Series	1700
Termination	Luer Tip Cemented Needle (LTN)
Needle	Cemented Needle
Gauge	22 gauge
Point Style	2: Curved, Beveled
Needle Length	2 inch (51 mm)
Fluid Path	SST, Borosilicate glass, PTFE
Autoclavable	No
Gas Sterilizable	Yes
Pressure	700 psig (48.3 bar)
Maximum Temperature	50°C / 122°F
Minimum Temperature	10°C / 50°F
Barrel Inner Diameter	0.128 inches (3.26 mm)
Barrel Outer Diameter	0.305 inches (7.75 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 µL
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/laboratory-products/syringes/81217>

Spec. Version B