

100 μ L, Model 1710 N SYR, Cemented NDL, 22 ga, 2 in, point style 3T

Specification Sheet (Part/REF # 81050)



The needles on Thin Layer Chromatography (TLC) syringes are coated from the point for 3/4" with a PTFE-coating. The coating reduces the surface tension between the needle and the liquid making it ideal for reproducible sample spotting.

Product Specifications

Volume	100 μ L
Syringe Type	Gastight
Syringe Series	1700
Termination	Cemented Needle (N)
Needle	Cemented Needle
Gauge	22 gauge
Point Style	3T
Needle Length	2 inch (51 mm)
Fluid Path	SST, borosilicate glass, PTFE
Autoclavable	No
Gas Sterilizable	Yes
Pressure	1000 psig (68.9 bar)
Maximum Temperature	50°C / 122°F
Minimum Temperature	10°C / 50°F
Barrel Inner Diameter	0.057 inches (1.46 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 μ L
Sales Quantity	1 syringe per pack

Specifications are subject to change without notice
<https://www.hamiltoncompany.com/laboratory-products/syringes/81050>

Spec. Version B