



WHERE
PRECISION
DRIVES
PRODUCTION



DISPENSING NEEDLES

PVA's complete range of disposable needle tips can be used for a wide variety of materials and applications. All needles feature a Luer-Lok™ threaded hub design for increased reliability. PVA offers two disposable needle designs; an all-plastic free flow taper tip and a plastic hub with a stainless steel canula. Both designs feature appropriate ESD and UV inhibitors. All needle sizes and gauges are stocked for immediate delivery.

BULK BAG: 1000 PIECES		BOX NEEDLES: 50 PIECES		ID		OD	
1/2 Inch	1 Inch	1/2 Inch	1 Inch	inch	mm	inch	mm
● PV-14-0.5	PV-14-1	PV-14-0.5X	PV-14-1X	0.069	1.77	0.083	2.11
● PV-15-0.5	PV-15-1	PV-15-0.5X	PV-15-1X	0.059	1.51	0.072	1.83
● PV-16-0.5	PV-16-1	PV-16-0.5X	PV-16-1X	0.053	1.35	0.065	1.65
○ PV-17-0.5	PV-17-1	PV-17-0.5X	PV-17-1X	0.048	1.17	0.058	1.47
○ PV-18-0.5	PV-18-1	PV-18-0.5X	PV-18-1X	0.038	0.99	0.049	1.27
● PV-19-0.5	PV-19-1	PV-19-0.5X	PV-19-1X	0.033	0.79	0.043	1.06
● PV-20-0.5	PV-20-1	PV-20-0.5X	PV-20-1X	0.025	0.64	0.036	0.91
● PV-21-0.5	PV-21-1	PV-21-0.5X	PV-21-1X	0.022	0.56	0.033	0.82
● PV-22-0.5	PV-22-1	PV-22-0.5X	PV-22-1X	0.020	0.46	0.028	0.72
● PV-23-0.5	PV-23-1	PV-23-0.5X	PV-23-1X	0.016	0.41	0.025	0.64
● PV-24-0.5	PV-24-1	PV-24-0.5X	PV-24-1X	0.015	0.33	0.022	0.56
● PV-25-0.5	PV-25-1	PV-25-0.5X	PV-25-1X	0.012	0.30	0.020	0.51
○ PV-26-0.5	PV-26-1	PV-26-0.5X	PV-26-1X	0.011	0.26	0.019	0.46
○ PV-27-0.5	PV-27-1	PV-27-0.5X	PV-27-1X	0.009	0.22	0.016	0.41
○ PV-30-0.5		PV-30-0.5X		0.006	0.15	0.012	0.31

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PLEASE NOTE -
Many gauges stocked in 1 1/2" lengths. 27 and 30 gauge needles are also available in 5/16".

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1000 PIECES		50 PIECES		ID	
1 1/4 Inch	1 1/4 Inch	inch	mm		
○ PV-14F	PV-14FX	0.0634	1.61		
○ PV-16F	PV-16FX	0.0481	1.22		
● PV-18F	PV-18FX	0.0350	0.89		
○ PV-20F	PV-20FX	0.0244	0.62		
● PV-22F	PV-22FX	0.0169	0.43		



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Luer-Lok™ is a Becton Dickinson and Co. trademark.



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REUSABLE METAL NEEDLES

These reusable needles feature a nickel plated brass hub and stainless steel tips for superior chemical resistance and increased dependability within a dispensing application.

GAUGE	ITEM NUMBER		ID		OD	
	1/2 inch	1 inch	inch	mm	inch	mm
8	PV-08G-0.5	PV-08G-1	0.135	3.42	0.165	4.19
10	PV-10G-0.5	PV-10G-1	0.116	2.95	0.134	3.40
11	PV-11G-0.5	PV-11G-1	0.094	2.39	0.120	3.05
12	PV-12G-0.5	PV-12G-1	0.085	2.16	0.109	2.77
13	PV-13G-0.5	PV-13G-1	0.071	1.80	0.095	2.41
14	PV-14G-0.5	PV-14G-1	0.063	1.60	0.083	2.10
15	PV-15G-0.5	PV-15G-1	0.054	1.37	0.072	1.83
16	PV-16G-0.5	PV-16G-1	0.047	1.19	0.065	1.65
18	PV-18G-0.5	PV-18G-1	0.033	0.84	0.050	1.25
19	PV-19G-0.5	PV-19G-1	0.027	0.69	0.043	1.09
20	PV-20G-0.5	PV-20G-1	0.023	0.58	0.036	0.90
21	PV-21G-0.5	PV-21G-1	0.020	0.51	0.032	0.81
22	PV-22G-0.5	PV-22G-1	0.016	0.41	0.028	0.71
23	PV-23G-0.5	PV-23G-1	0.013	0.33	0.025	0.64
24	PV-24G-0.5	PV-24G-1	0.012	0.30	0.022	0.59
26	PV-26G-0.5	PV-26G-1	0.009	0.22	0.018	0.46
27	PV-27G-0.5	PV-27G-1	0.008	0.20	0.016	0.41

PLEASE NOTE -
Many gauges stocked in 1 1/2" lengths.



CUSTOM NEEDLES

PVA provides a wide range of custom needles that are designed for many types of dispensing environments; offering everything from increased flow rates to precision dot dispensing.

ANGLED NEEDLES

PVA offers both reusable and disposable angled needle tips for your dispensing application. Tips are available in any gauge size and length, and can be custom angled per your request. For more information or to request pricing on a specific needle, please contact your PVA sales representative.



PRECISION CHAMFERED NEEDLES

Chamfered needles offer precision dispensing of small material deposits in many applications. The needles are burr-free and are finely ground in a conical (tapered) direction to allow for better material release.

Stainless Luer-Lok™ Tapered

GAUGE	ITEM NUMBER		ID		OD	
	0.25 inch	0.5 inch	inch	mm	inch	mm
● 25	PV-2525SS	PV-5025SS	0.010	0.26	0.020	0.52
○ 27	PV-2527SS	PV-5027SS	0.008	0.21	0.016	0.42
○ 30	PV-2530SS	PV-5030SS	0.007	0.18	0.014	0.36



Plastic Luer-Lok™ Tapered

GAUGE	ITEM NUMBER		ID		OD	
	0.18 inch	0.25 inch	inch	mm	inch	mm
● 25	PV-1825PL	PV-2525PL	0.010	0.25	0.020	0.51
○ 27	PV-1827PL	PV-2527PL	0.008	0.20	0.017	0.43
○ 30	PV-1830PL	PV-2530PL	0.006	0.16	0.013	0.33
● 32	PV-1832PL		0.004	0.10	0.010	0.25



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