

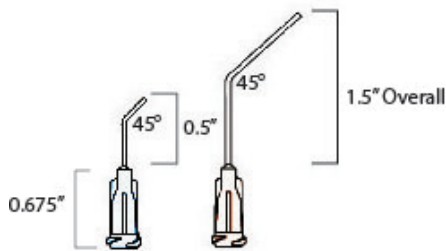
**WHERE  
PRECISION  
DRIVES  
PRODUCTION**

**R Series Dispense Needles - 45° Bend  
Plastic Hub with Stainless Steel Canula**

PVA's disposable dispense needles feature a double helix threaded polypropylene luer lock hub with a bonded stainless steel canula. The luer lock hubs are color coded for gauge sizes and the blunt end satinless steel canulas are cut and polished at the end for superior dispensing control. A 45° bend in the canula allows easier access for hard to reach areas.



Needle Color Chart					
Color	Gauge	Inside Diameter		Outside Diameter	
		in	mm	in	mm
Green	14	0.0610	1.55	0.0709	1.80
Brown	15	0.0539	1.37	0.0709	1.80
Light Green	18	0.0331	0.84	0.0500	1.27
Pink	20	0.0236	0.60	0.0358	0.91
Purple	21	0.0201	0.51	0.0323	0.82
Blue	22	0.0161	0.41	0.0283	0.72
Orange	23	0.0142	0.36	0.0252	0.64
Red	25	0.0102	0.26	0.0201	0.51



R Series Part Numbers - 50 Piece Box		
Gauge	Canula Length/Part Number	
	1/2" Length	1 1/2" Length
14	PV-14R-0.5-45X	PV-14R-1.5-45X
15	PV-15R-0.5-45X	-
18	PV-18R-0.5-45X	PV-18R-1.5-45X
20	PV-20R-0.5-45X	-
21	PV-21R-0.5-45X	PV-21R-1.5-45X
22	PV-22R-0.5-45X	-
23	PV-23R-0.5-45X	-
25	PV-25R-0.5-45X	-