
















	Outer Diameter (mm)	Gauge Needle	Hub Color
	0.23	32	Orange
	0.25	31	Violet
	0.30	30	Yellow
	0.33	29	Red
	0.36	28	Blue Green
	0.40	27	Medium Grey
	0.45	26	Brown
	0.50	25	Orange
	0.60	23	Deep Blue
	0.70	22	Black
	0.80	21	Deep Green
	0.90	20	Yellow
	1.10	19	Cream
	1.20	18	Pink
	1.60	16	White

Recommended Needle Sizes

	Subcutaneous (SQ)	Intramuscular (IM)	Intravenous (IV)
Pig	1/2" x 20 ga	1" x 18 ga	1"-1 1/2" x 20 ga
Hog	3/4" x 18 ga	1" x 18 ga	2" x 18 ga
Sow	1" x 18 ga	1" x 18 ga	4" x 18 ga
Sheep	3/4" x 18 ga	1" x 18 ga	1" x 18 ga
Calf	3/4" x 16 ga	1" x 16 ga	1" x 18 ga
Cow	1" x 16 ga	1" x 16 ga	1 1/2" x 16 ga
Colt	3/4" x 20 ga	1" x 20 ga	1" x 20 ga
Horse ††	1" x 18 ga	1 1/2" x 18 ga	1 1/2" x 18 ga
Goat	3/4" x 22 ga *	1" x 18 ga
Dog & Cat †	3/4" x 22 ga	1" x 22 ga
Poultry	5/8" x 25 ga	3/4" x 22 ga

* Goats - 18 ga are used for thick medications like Penicillin.

† For Small Puppies and Cats or Kittens SQ, a 5/8" x 25 ga can be used.

†† Most of our single dose horse vaccines come with a 20 ga needle.

For thicker suspensions and medications (penicillin) use a larger gauge needle. The smaller the number (ga) the bigger the needle.

