

**Make Dispensing and Dosing Easier!**

**Facts about gelatin capsules:**

- \* You can use capsules to accurately dose any type of dry material (powder, granule, small tablets etc.) and a variety of liquids and pastes.
- \* Gelatin itself is physiologically inert.
- \* You can dose orally, vaginally, post-partum or intra-uterine (large species).
- \* Gelatin capsules dissolve rapidly (5-10 minutes) and completely in the stomach (rumen), vagina or uterus.
- \* Torpac capsules come in 15 sizes from 0.13 ml to 28 ml.

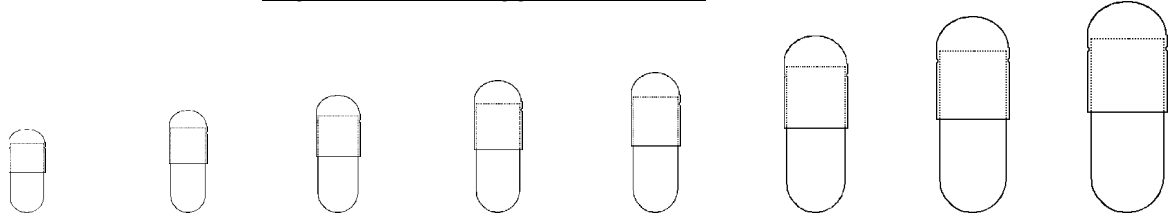
**Capsules are ideal for dispensing:**

- \* Nutritional products (e.g. vitamins, supplements & digestive aids).
- \* Medicinal products.
- \* Odorous or bad tasting materials.
- \* Multiple small tablets or capsules in one easy dose.
- \* Non-aqueous solutions.
- \* Topical antibiotics intra-uterine (large species).

**Small Animal Gelatin Capsules**



**Capsules Shown Approximate Size**

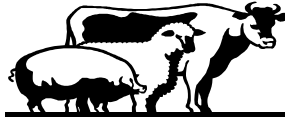
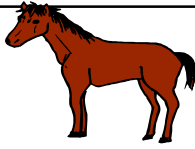


Size	5	4	3	2	1	0	00	000
Volume (ml)	0.13	0.21	0.30	0.37	0.50	0.68	0.95	1.37
Typical Fill Wt. (mg) Depends on Powder Density	60-130	95-210	135-300	165-370	225-500	305-680	430-950	615-1370
Some of The Species That Can Be Dosed*	<< Dog >>							
	<< Cats							
	<< Rabbit >>							
	<< Fish >>							
	<< Birds							
	<< Exotics >>							

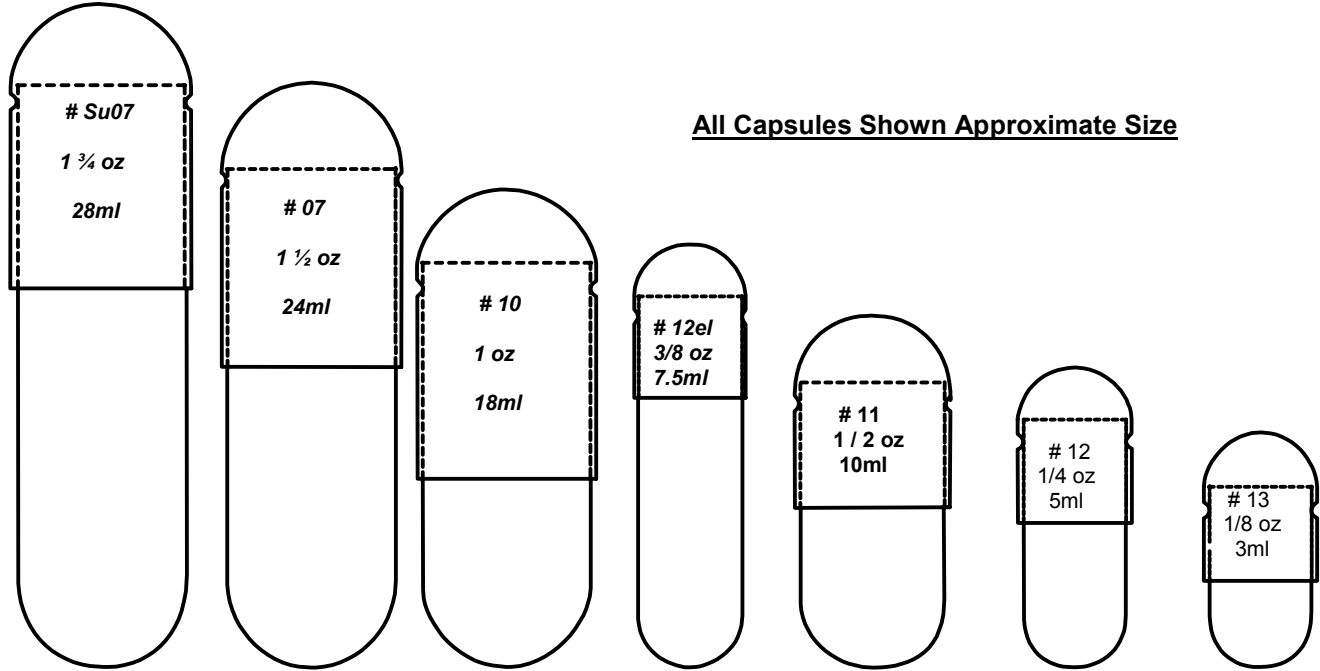
\*This table is only a partial list of species that can be dosed using the various size capsules. Check with colleagues and associates who may have experience dosing capsules to species not mentioned above. **Individual animal size is key to what size capsules can be dosed.** A Veterinarian can help you determine which size capsules can be safely dosed to a specific animal.

**Torpac** Inc.

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 Special Capsules \* Capsule Machinery \* Soluble Containers



## Large Animal Gelatin Capsules



Size	Su07	7	10	12el	11	12	13	
Generic Name	1 & 3/4 oz	1 & 1/2 oz	1 oz	3/8 oz	1/2 oz	1/4 oz	1/8 oz	
Typical Fill Weight*	16 - 28 gm	14 - 24 gm	10 - 18 gm	4 - 7 gm	6 - 10 gm	3 - 5 gm	2 - 3 gm	
Some of The Species That Can be Dosed	<< Cow >>		Calf		<< Calf >>			
	<< Horses (Adult) >>							
	Goat (145+ lbs.)		Goat (100+ lbs.)		Goat (55+ lbs.)		<< Goat (44+ lbs.) >>	
	Dog (70+ lbs.)		Dog (60+ lbs.)		Dog (45+ lbs.)		<< Dog (13+ lbs.) >>	
	Swine (70+ lbs.)			Swine (35+ lbs.)			Swine (20+ lbs.)	
	Ostrich (Adult)			Ostrich (50+ lbs.)			Ostrich (25+ lbs.)	
	Deer (200+ lbs.)				<<Deer (80+ lbs.)>>			
Sheep (Adult)								

\*Capsule Fill Weight Depends on Density of Powder Being Filled.

### Balling Gun/Large Capsule Compatibility Chart

Balling Gun	Sizes 7 & 10	Size 11	Size 12 & 13
Torpac Cattle Red Plastic	Yes	--	--
" Calf White Plastic	--	--	Yes
Wimco 923-MD	Yes	--	--
" 989, heads:	L	K	G
Nebraska 240	Yes	Yes	--
<b>Ideal</b>			
7/8" dia. w/spring clip	Yes	Yes	--
1" dia. w/ spring clip	Yes	--	--
1" dia. plastic head	Yes	--	--
Sheep Gun 5/8" dia. head	--	--	Yes