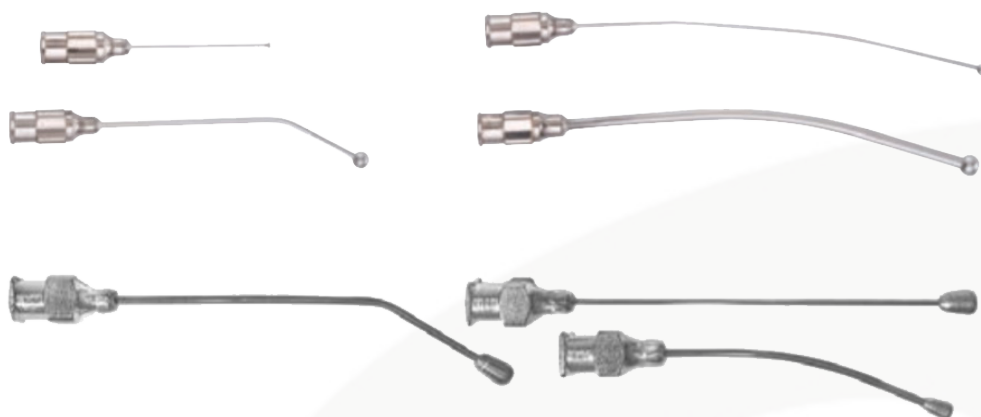




REUSABLE FEEDING NEEDLES



N-xxx references:

- Items with ball
- Sold by pack of 12 or by pack of 4

N-VP-xxx references:

- Items with olive
- Sold by unit

REUSABLE FEEDING NEEDLES FOR MICE

Animals	Weight Range	Gauge	Length	Ball diameter	References
MICE	up to 14 g	24G	1"	1.25 mm	Straight: N-001 N-VP-24G-1S
	15-20 g	22G	1"	1.25 mm	Straight: N-002
			1,5"	1.25 mm	Straight: N-020 N-VP-22G-15S
	20-25 g	20G	1,5"	2.25 mm	Angled: N-VP-20G-15A
			1,5"	2.25 mm	Curved: N-010 N-VP-20G-15C
			3"	2,25 mm	Straight: N-003
			3"	2.25 mm	Curved: N-005 N-VP-20G-3C
	25-30 g	18G	1"	2.25 mm	Straight: N-008
	30-35 g	18G	1"	2.25 mm	Straight: N-008
			3"	2.25 mm	Straight: N-004
			3"	2.25 mm	Curved: N-006 N-VP-18G-3C
			3"	2.25 mm	Angled: N-VP-18G-3A

REUSABLE FEEDING NEEDLES FOR RATS

Animals	Weight Range	Gauge	Length	Ball diameter	References
RATS	50-75 g	20G	1,5"	2.25 mm	Straight: N-VP-20G-15A
			1,5"	2.25 mm	Curved: N-VP-20G-1.5C
			3"	2.25 mm	Curved: N-005 N-VP-20G-3C
	75-120 g	18G	1"	2.25 mm	Straight: N-008
			3"	2.25 mm	Straight: N-003
	100-200 g	16G	3"	3 mm	Curved: N-007 N-VP-16G-3C
			4"	3 mm	Curved: N-009
	150-300 g	16G	3"	3 mm	Curved: N-007
			4"	3 mm	Curved: N-009
	200-350 g	13G	3"	4 mm	Straight: N-SP-13G-3S (by pack of 12)



DISPOSABLE FEEDING NEEDLES



STERILE MALLEABLE DISPOSABLE FEEDING NEEDLES

These needles feature plastic luer hubs and silicone tips and can be easily formed to desired shape.

S/S malleable, disposable, olive, sterile 100 pcs/box

Animal	Gauge	Length	Ball	References
15-35 g	20G	1,5" Straight	N.A.	D-001
50-150 g	18G	2" Straight	N.A.	D-002
>150 g	15G	3" Straight	N.A.	D-003



STERILE FLEXIBLE PLASTIC (PTFE) DISPOSABLE FEEDING NEEDLES

Animal feeding needles (AFN) allow user to precisely dispense liquid to animal while minimizing the chances of esophagial piercing. Sterile, non-toxic, and non-pyrogenic, available in a variety of gauges and lengths.

PTFE, disposable, olive, sterile, 100 pcs/box

Animal	Gauge	Length	Ball	References
Mouse	20G	1,5"	1.9 mm	DT9920
Mouse & Rat	18G	1,5"	2.0 mm	DT9928
Mouse	18G	2"	2.0-2.3 mm	DT9918
Rat	17G	3,3"	2.4 mm	DT9926
Rat	15G	3"	2.8 mm	DT9925
Rat	15G	3"	2.8-3.0 mm	DT9915
Rat	13G	5"	4 mm	DT9930



FLEXIBLE PLASTIC (PTFE) DISPOSABLE FEEDING NEEDLES WITH BITE PROTECTORS

Flexible plastic (PTFE) tube is covered at hub end with 304 stainless steel tubing, protecting tubing from damage due to biting during use. Plastic (PTFE) tube is softer than other tubing types, very flexible and translucent for easy confirmation of reagent delivery. Plastic luer hubs and soft silicone tips, non-toxic and non-pyrogenic.

Bite protector PTFE, disposable, ball, sterile 100 pcs/box

Animal	Gauge	Length	Ball	References
Mouse & Rat	18G	2"	2 mm	BG9923
Mouse & Rat	18G	3"	2 mm	BG9924
Rat	15G	3,1"	2,8 mm	BG9925
Rat	17G	3,3"	2,4 mm	BG9926
Rat	15G	3,9"	2,8 mm	BG9927
Mouse & Rat	18G	1,5"	2 mm	BG9928