

Providing the most effective solutions
for design and use of test environments
in life science research

Infusion Feeding Needles

Feeding Needles

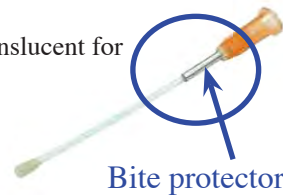
Our Feeding needles are designed to meet the special needs of pharmacologists, toxicologists, pathologists, and other biomedical researchers working with laboratory animals.

To prevent cross infection and for maximum convenience, laboratories using Animal Feeding Needles, now have four options:

- Flexible Plastic (PTFE) Needles - New with Bite Protectors (Disposable)
- Flexible Plastic (PTFE) Needles (Disposable)
- Malleable Stainless Steel Needles (Disposable)
- Non-Flexible Stainless Steel Needles (Reusable)

Flexible Plastic (PTFE) Needles - New with Bite Protectors (Disposable)

- Flexible Plastic (PTFE) tube is covered at the hub end with 304 stainless steel tubing – this protects 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
- Packaged 5 needles per sterile peel pouch - 20 pouches per box



Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNC9928B	Flexible Plastic (PTFE) with ss Bite protector	18G x 38mm	2,0 mm	100
FNC9923B		18G x 50mm	2,0mm	100
FNC9924B		18G x 76mm	2,0mm	100
FNC9922B		17G x 50mm	2,4mm	100
FNC9926B		17G x 83,8mm	2,4mm	100
FNC9925B		15G x 78,7mm	2,8mm	100
FNC9927B		15G x 99mm	2,8mm	100

Flexible Plastic (PTFE) Needles (Disposable)

- 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
- Packaged 5 needles per sterile peel pouch - 20 pouches per box



Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNC9931	Flexible Plastic (PTFE)	20G x 30,5mm	1,9mm	100
FNC9920		20G x 38mm	1,9mm	100
FNC9932		18G x 25,4mm	2,0mm	100
FNC9933		18G x 30,5mm	2,0mm	100
FNC9928		18G x 38mm	2,0mm	100
FNC9923		18G x 50,8mm	2,0mm	100
FNC9924		18G x 76,2mm	2,0mm	100
FNC9922		17G x 50,8mm	2,4mm	100
FNC9926		17G x 83,8mm	2,4mm	100
FNC9925		15G x 78,7mm	2,8mm	100
FNC9927		15G x 99mm	2,8mm	100
FNC9929		14G x 109mm	2,9mm	100
FNC9930		14G x 119,4mm	2,9mm	100

Non-Flexible Stainless Steel Needles (Reusable)

- Shape from stainless steel tubing
- Stainless steel balls
- Can be cleaned and re-used as needed
- Packaged 1 needle per sterile peel pouch

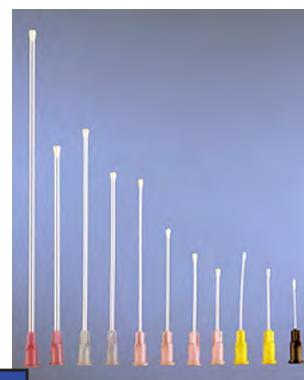


Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNU7900	Non Flexible - Straight 304 Stainless Steel	24G x 25mm	1,25mm	1
FNU7901		22G x 25mm	1,25mm	1
FNU7920		22G x 37mm	1,25mm	1
FNU7902		20G x 37mm	2,25mm	1
FNU7904		18G x 37mm	2,25mm	1
FNU7905		18G x 50mm	2,25mm	1
FNU7906		18G x 75mm	2,25mm	1
FNU7923		16G x 50mm	3,00mm	1
FNU7909		14G x 75mm	4,00mm	1
FNU7924		13G x 75mm	4,00mm	1
FNU7913		18G x 50mm	2,25mm	1
FNU7914		18G x 75mm	2,25mm	1
FNU7915		16G x 50mm	3,00mm	1
FNU7916		16G x 75mm	3,00mm	1

Flexible Tubing (Disposable)

These plastic gavage tubes are flexible to reduce trauma, translucent to visualize delivery, and disposable to eliminate the cost of cleaning and the chance of compound crossover. Flexible tubes are a recommended animal welfare refinement over rigid metal tubes. The tube and luer hub are made of the same material used to make plastic syringes. The soft, bulb-shaped tip is designed to reduce the chances of inadvertent placement in the trachea and perforation of the esophagus. Available in 11 sizes for rodents ranging from mouse pups to rats to rabbits.

- Packaged 5 needle per sterile peel pouch - 50 Pouches per box



Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FTP22-25	Flexible Plastic (Teflon)	22G x 25mm	1,2mm	250
FTP20-30		20G x 30mm	1,6mm	250
FTP20-38		20G x 38mm	1,6mm	250
FTP18-30		18G x 30mm	2,3mm	250
FTP18-38		18G x 38mm	2,3mm	250
FTP18-50		18G x 50mm	2,3mm	250
FTP18-75		18G x 75mm	2,3mm	250
FTP15-78		15G x 78mm	3,0mm	250
FTP15-100		15G x 100mm	3,0mm	250
FTP13-90		13G x 90mm	3,5mm	250
FTP13-150		13G x 150mm	3,5mm	250

Feeding Needles - continued

Flexible Plastic (PTFE) Needles (Disposable)

- 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
- Packaged 5 needles per sterile peel pouch

Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNU5202	Flexible Plastic (Teflon)	18G x 38mm	2,0 mm	5
FNU5200		20G x 38mm	1,8mm	5
FNU5204		17G x 52mm	2,4mm	5
FNU5206		15G x 78mm	2,8mm	5
FNU7204		18G x 75mm	2,0mm	5
FNU7206		17G x 85mm	2,4mm	5



Malleable Stainless Steel Needles (Disposable)

- Designed to enable the researcher to shape the needles to his/her specific needs
- All needles come straight and are easily bent to any desired shape
- Featuring type 304 stainless steel tubing
- Plastic luer hubs
- Silicone tips for smoothest possible insertion
- Non-toxic and non-pyrogenic
- Packaged 5 needles per sterile peel pouch

Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNU4202	Malleable 304 Stainless Steel	20G x 38mm	1,9mm	5
FNU4204		18G x 52mm	2,3mm	5
FNU4206		15G x 78mm	2,9mm	5



Stainless Steel, Olive tip

- Fixed shape from stainless steel tubing
- Stainless steel OLIVE SHAPED TIP
- Can be cleaned and re-used as needed
- Packaged 1 needle per sterile peel pouch

Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNU1044	304 Stainless Steel	18G x 30mm	1,75 mm	1
FNU1037		18G x 40mm	1,75mm	1
FNU1036		21G x 40mm	1,75mm	1
FNU1038		19G x 60mm	1,75mm	1
FNU1043		14G x 80mm	2,0mm	1



Species	Weight	Gauge	Length	Ball diameter	Disposable	Reusable
Hamsters	60-200g	18	38,1 - 50,8mm	2,25-2,3mm	Malleable FNC9918, PTFE: FNC9928 w/ bite protector FNC9928B	Straight FNC7905 Curved: FNC7913
Guinea Pig	250 - 300g	18	38,1 -50,8mm	2,0-2,3mm	Malleable: FNC9918 (PTFE):FNC9928, FNC9923 w/ Bite Protector: FNC9928B, FNC9923B	Straight: FNC7904, FNC7905 Curved: FNC7912, FNC7913
		17	50,8 -83,8mm	2,4mm	PTFE: FNC9922, FNC9926 w/ Bite Protector: FNC9922B, FNC9926B	
	300 - 450g	16- 15G	76,2 - 101,6mm	2,8-3,0mm	Malleable: FNC9915, FNC9919 PTFE:FNC9925, FNC9927 w/ Bite Protector: FNC9925B, FNC9927B	Straight: FNC7908 Curved: FNC7916, FNC7946
	400 - 600g	14-13G	76,2 - 127mm	2,9-4,0mm	PTFE: FNC9929, FNC9930	Straight: FNC7909, FNC7924 Curved: FNC7917
Rabbits	1,3kg	16G -15G	76,2 - 101,6mm	2,8 - 3,0mm	Malleable: FNC9915, FNC9919 PTFE: FNC9925, FNC9927 w/ Bite Protector: FNC9925B, FNC9927B	Straight: FNC7908 Curved: FNC7916, FNC7946
Primates	Up to 4,5kg	12G	88,9mm	6,25mm		Curved: FNC 7919

Feeding Needles

Animal Feeding guide

Species	Weight	Gauge	Length	Ball diameter	Disposable	Reuseable
Mice	up to 14g	24	25,4mm	1,25mm		Straight FNC7900
	15-20g	22	25,4 - 38,1mm	1,25mm		Straight FNC7901, FNC7920
	20-25g	20	25,4 - 76,2mm	1,9 - 2,25mm	Malleable FNC9921, FNC9916 PTFE: FNC9931, FNC9920	Straight FNC7921, FNC7902, FNC7903 Curved: FNC7910, FNC7911
	25-30g	18	25,4 - 50,8mm	2,0 - 2,3mm	Malleable FNC9918, PTFE: FNC9932, FNC9933, FNC9928, FNC9923 w/ Bite protector: FNC9923B, FNC9928B	Straight FNC7922, FNC7904, FNC7905 Curved: FNC7912, FNC7913
	30-35g	18	50,8 - 78,7mm	2,0 - 2,3mm	Malleable FNC9917, PTFE: FNC9923, FNC9924 w/ Bite protector: FNC9923B, FNC9924B	Straight FNC7905, FNC7906 Curved: FNC7914, FNC7913

Species	Weight	Gauge	Length	Ball diameter	Disposable	Reuseable
Rat	50-75g	20	25,4 - 76,2mm	1,9-2,25mm	Malleable FNC9921, PTFE: FNC9931, FNC9920	Straight FNC7921, FNC7902 Curved: FNC7910
	75-120g	18	25,4 - 38,1mm	2,0-2,25mm	PTFE: FNC9932, FNC9933, FNC9928 w/ Bite protector: FNC9928B	Straight FNC7922, FNC7904 Curved: FNC7912
	100-200g	18	50,8 - 78,7mm	2,0 - 2,3mm	Malleable: FNC9918, FNC997 PTFE: FNC9923, FNC9924, FNC9928 w/bite protector: FNC9923B, FNC9924B, FNC9928B	Straight FNC7905, FNC7906 Curved: FNC7913, FNC7914
		17	25,4 - 83,8mm	2,4mm	PTFE: FNC9922, FNC9926 w/bite protector: FNC9922B, FNC9926B	
		16	50,8 - 76,2mm	3,0mm		Straight FNC7923, FNC7908 Curved: FNC7913, FNC7914
	150-300g	16G - 15G	76,2 - 101,6mm	2,8-3,0mm	Malleable: FNC9915, FNC9919 PTFE: FNC9925, FNC9927 w/ Bite Protector: FNC9925B, FNC9927B	Straight: FNC7908 Curved: FNC7916, FNC7946
	200-350g	14G - 13G	76,2- 127mm	2,9-4,0mm	PTFE: FNC9929, FNC9930	Straight: FNC7909, FNC7924 Curved: FNC7917

Malleable Stainless Steel Needles (Disposable)

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Feeding Needles



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FNC9921	Malleable 304 Stainless Steel	20G x 38,1mm	1,9mm	100
FNC9916		20G x 71,1mm	1,9mm	100
FNC9918		18G x 50,8mm	2,3mm	100
FNC9917		18G x 76,2mm	2,3mm	100
FNC9915		15G x 76,2mm	2,9mm	100
FNC9919		15G x 93,9mm	2,9mm	100

Non-Flexible Stainless Steel Needles (Reusable)

We also offer a wide variety of straight and curved animal feeding needles from 12 gauge to 24 gauge stainless tubing and from 1" to 4" in length. The precision assembly of stainless steel balls and type 304 stainless steel tubing ensures a quality needle suited for feeding and dosing without injury to sensitive tissues.

Features:

- Fixed shape from stainless steel tubing
- Stainless steel balls
- Can be cleaned and re-used as needed
- Packaged and sold in dozen quantity non-sterile

Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNC7900	Non Flexible - Straight 304 Stainless Steel	24G x 25,4mm	1,25mm	12
FNC7901		22G x 25,4mm	1,25mm	12
FNC7920		22G x 38,1mm	1,25mm	12
FNC7921		20G x 25,4mm	2,25mm	12
FNC7902		20G x 38,1mm	2,25mm	12
FNC7903		20G x 76,2mm	2,25mm	12
FNC7922		18G x 25,4mm	2,25mm	12
FNC7904		18G x 38,1mm	2,25mm	12
FNC7905		18G x 50,8mm	2,25mm	12
FNC7906		18G x 76,2mm	2,25mm	12
FNC7923		16G x 50,8mm	3mm	12
FNC7908		16G x 76,2mm	3mm	12
FNC7909		14G x 76,2mm	4mm	12
FNC7924		13G x 76,2mm	4mm	12



Ordering Nr	Needle Style Material	Gauge x Length	Ball Diameter	Pack Size
FNC7910	Non Flexible - Curved 304 Stainless Steel	20G x 38,1mm	2,25mm	12
FNC7911		20G x 76,2mm	2,25mm	12
FNC7912		18G x 38,1mm	2,25mm	12
FNC7913		18G x 50,8mm	2,25mm	12
FNC7914		18G x 76,2mm	2,25mm	12
FNC7915		16G x 50,8mm	3mm	12
FNC7916		16G x 76,2mm	3mm	12
FNC7946		16G x 101,6mm	3mm	12
FNC7917		14G x 76,2mm	4mm	12
FNC7919		12G x 88,9mm	6,25mm	12





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