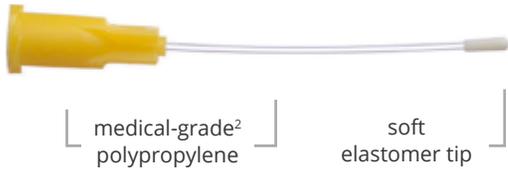


Flexible Plastic Feeding Tubes (disposable)



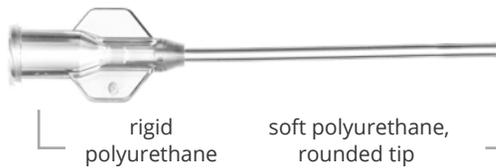
Instech's plastic gavage tubes are flexible to reduce trauma, translucent to visualize delivery, and disposable to eliminate the cost of cleaning and the chance of compound crossover. Flexible tubes are a recommended animal welfare refinement over rigid metal tubes.¹

POLYPROPYLENE FEEDING TUBES



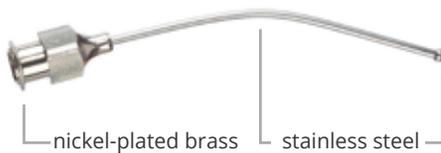
The tube and luer hub are made of the same material used to make plastic syringes. The soft, bulb-shaped tip is designed to reduce the chances of inadvertent placement in the trachea and perforation of the esophagus. Available in 11 sizes for rodents ranging from mouse pups to rats to rabbits.

POLYURETHANE FEEDING TUBES



These tubes feature a larger inner diameter for easier delivery of viscous compounds and a straight tip that wipes clean to reduce the chance of compound aspiration. Available in two sizes, 13ga for rats and 16ga for mice, and a special version for dosing size 9 capsules.

Metal Feeding Tubes (reusable)



These traditional reusable gavage needles feature stainless steel tubes and ball-tips. They are sold straight but are easily bent to your desired curve for optimal placement. Available in seven sizes for mice and rats.

1. "Refining procedures for the administration of substances," Report of the BVAAWF/FRAME/RSPCA/JFAW Joint Working Group on Refinement. Laboratory Animals (2001) 35, 1-41.
2. Polypropylene is USP Class VI certified and compliant with FDA 21 CFR 177.1520. Colorants added to hub are compliant with FDA 21 CFR 178.3297, except black. Elastomer tip is compliant with FDA 21 CFR 177.1210.

oral gavage



Founded in 1971, Instech is a leader in the design and manufacturing of infusion, sampling and dosing equipment for laboratory animal research. Instech's products are manufactured in the USA. They are available in North America, Europe and India through a direct salesforce and elsewhere through a network of approved distributors.

Feeding Tubes for Rodents

Instech Laboratories, Inc.
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Plymouth Meeting, PA 19462
USA
TL 800.443.4227
TL 610.941.0132

www.instechlabs.com

1800125_ftpbrochure

INSTECH

Flexible Plastic Feeding Tubes

PN: 250 pc box
(PN: 50 pc box)

Tube size
(IDxOD)

Material

PN	Tube size (IDxOD)	Material	Length	Volume	Tip Diameter
FTP-22-25 (FTP-22-25-50)	22ga (0.4x0.7mm)	PP	25mm (1in)	3µL	1.2mm tip diameter
FTP-20-30 (FTP-20-30-50)	20ga (0.5x0.9mm)	PP	30mm (1.2in)	6µL	1.6mm
FTP-20-38 (FTP-20-38-50)	20ga (0.5x0.9mm)	PP	38mm (1.5in)	7µL	1.6mm
FTPU-16-38 (FTPU-16-38-50)	16ga (1.0x1.6mm)	PU	38mm (1.5in)	30µL	1.6mm
FTP-18-30 (FTP-18-30-50)	18ga (0.7x1.2mm)	PP	30mm (1.2in)	12µL	2.3mm

Metal Feeding Tubes

PN: 6 pc pouch

Tube size
(IDxOD)

Material

PN	Tube size (IDxOD)	Material	Length	Volume	Tip Diameter
FTSS-24S-25	24ga (0.4x0.6mm)	SS, NB	25mm (1in)	3µL	1.2mm ball diameter
FTSS-22S-25	22ga (0.5x0.7mm)	SS, NB	25mm (1in)	5µL	1.2mm
FTSS-20S-25	20ga (0.6x0.9mm)	SS, NB	25mm (1in)	7µL	2.0mm
FTSS-20S-38	20ga (0.6x0.9mm)	SS, NB	38mm (1.5in)	11µL	2.0mm

mouse

PUP

ADULT

PUP

100-200g

rat

200-300g

300+g

PN	Tube size (IDxOD)	Material	Length	Volume	Tip Diameter
FTP-22-38 (FTP-22-38-50)	22ga (0.4x0.7mm)	PP	38mm (1.5in)	5µL	1.2mm tip diameter
FTP-18-38 (FTP-18-38-50)	18ga (0.7x1.2mm)	PP	38mm (1.5in)	15µL	2.3mm
FTP-18-50 (FTP-18-50-50)	18g (0.7x1.2mm)	PP	50mm (2in)	20µL	2.3mm
FTP-18-75 (FTP-18-75-50)	18ga (0.7x1.2mm)	PP	75mm (3in)	30µL	2.3mm
FTPU-13-88 (FTPU-13-88-50)	13ga (1.5x2.4mm)	PU	88mm (3.5in)	155µL	2.4mm
FTPU-C9-85*	13ga (1.5x2.4mm)	PU, PC	85mm (3.4in)	150µL	3.3mm for size 9 capsules
FTP-15-78 (FTP-15-78-50)	15ga (1.2x1.8mm)	PP	78mm (3.1in)	90µL	3.0mm
FTP-15-100 (FTP-15-100-50)	15ga (1.2x1.8mm)	PP	100mm (4in)	110µL	3.0mm

PN	Tube size (IDxOD)	Material	Length	Volume	Tip Diameter
FTSS-18S-51	18ga (1.1x1.3mm)	SS, NB	51mm (2in)	50µL	2.0mm
FTSS-18S-76	18ga (1.1x1.3mm)	SS, NB	76mm (3in)	70µL	2.0mm
FTSS-16S-76	16ga (1.3x1.7mm)	SS, NB	76mm (3in)	100µL	2.8mm



All models sterilized by EtO gas. Plastic tubes packaged 5 / pouch.



* Capsule dosers sold in boxes of 20 (10 sterile pouches of 2).

Dead volumes are approximate, ±20%, and do not include luer hub volume, a variable amount of which will be taken up by syringe tip.

Restraint and dosing technique is critical for the safety of the animal and the handler, and to prevent biting of the tubes. Links to training videos can be found at www.instechlabs.com.

Species suggestions have been compiled based on published papers and anecdotal reports; they are not definitive. Try a variety of sizes to determine what works best for you.



Request free samples at www.instechlabs.com.

MATERIAL KEY
 PP: polypropylene (tube and hub)
 PU: polyurethane (tube and hub)
 PC: polycarbonate (hub)
 SS: stainless steel (tube)
 NB: nickel-plated brass (hub)



Made in the USA.



large rodents

FTP-13-90 (FTP-13-90-50)	13ga (1.6x2.4mm)	PP	90mm (3.5in)	180µL	3.5mm
FTP-13-150 (FTP-13-150-50)	13ga (1.6x2.4mm)	PP	150mm (6in)	300µL	3.5mm