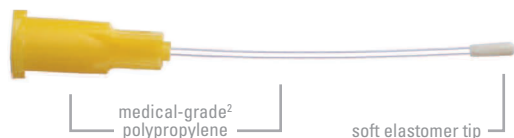


Flexible Plastic Feeding Tubes (disposable)

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



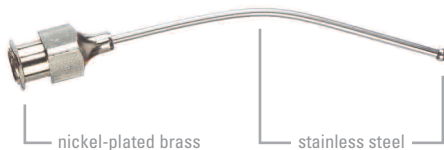
The tube and luer hub are made of the same material used to make plastic syringes. The soft, bulb-shaped tip is designed to reduce the chances of inadvertent placement in the trachea and perforation of the esophagus. Available in 11 sizes for rodents ranging from mouse pups to rats to rabbits.

Polyurethane Feeding Tubes



These specialty tubes feature a larger inner diameter for easier delivery of viscous compounds and a straight tip that wipes clean to help in cases where aspiration of compounds would be hazardous to the animal. Available in 2 sizes: 13ga for rats and 16ga for mice.

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 7 sizes for mice and rats.

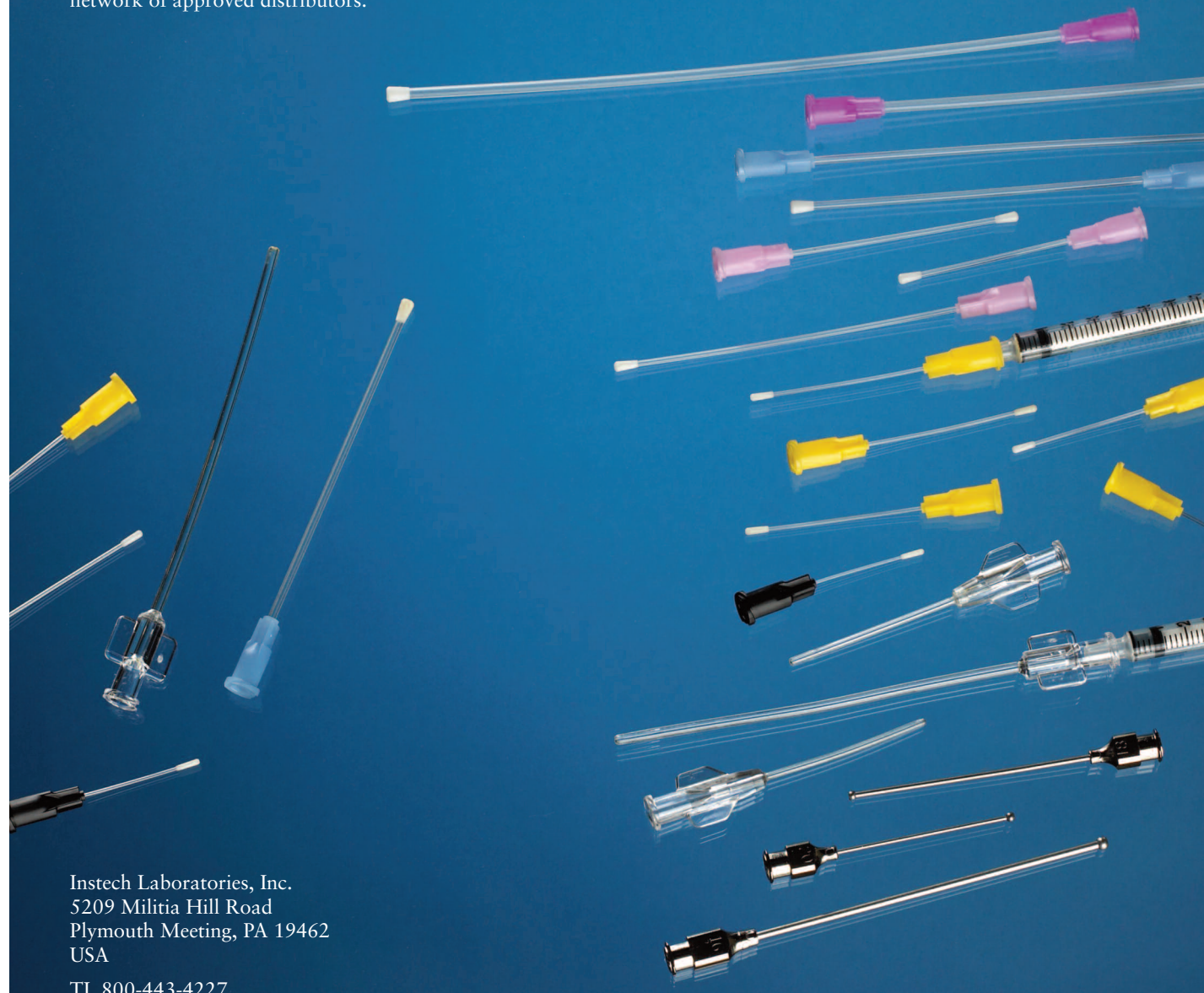
1. "Refining procedures for the administration of substances," Report of the BVA/AFW/FRAME/RSPCA/UFAW Joint Working Group on Refinement. Laboratory Animals (2001) 35, 1-41.

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.

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 RODENT ORAL GAVAGE



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The equipment behind the science.

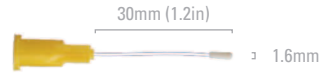
Flexible Plastic Feeding Tubes

PN: 250 pc box
(PN: 50 pc box) Tube size (IDxOD) Material

FTP-22-25
(FTP-22-25-50) 22ga (0.4x0.7mm) PP



FTP-20-30
(FTP-20-30-50) 20ga (0.5x0.9mm) PP



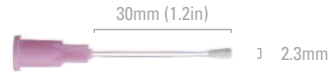
FTP-20-38
(FTP-20-38-50) 20ga (0.5x0.9mm) PP



FTPU-16-38
(FTPU-16-38-50) 16ga (1.0x1.6mm) PU, PC



FTP-18-30
(FTP-18-30-50) 18ga (0.7x1.2mm) PP



FTP-18-38
(FTP-18-38-50) 18ga (0.7x1.2mm) PP



FTP-18-50
(FTP-18-50-50) 18ga (0.7x1.2mm) PP



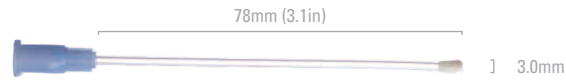
FTP-18-75
(FTP-18-75-50) 18ga (0.7x1.2mm) PP



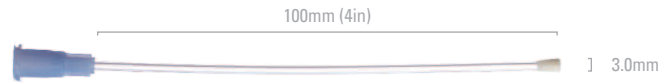
FTPU-13-88
(FTPU-13-88-50) 13ga (1.5x2.4mm) PU, PC



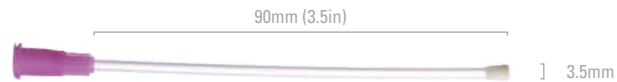
FTP-15-78
(FTP-15-78-50) 15ga (1.2x1.8mm) PP



FTP-15-100
(FTP-15-100-50) 15ga (1.2x1.8mm) PP



FTP-13-90
(FTP-13-90-50) 13ga (1.6x2.4mm) PP



FTP-13-150
(FTP-13-150-50) 13ga (1.6x2.4mm) PP



Metal Feeding Tubes

PN: 6 pc pouch Tube size (IDxOD) Material

FTSS-24S-25 24ga (0.4x0.6mm) SS, NB



FTSS-22S-25 22ga (0.5x0.7mm) SS, NB



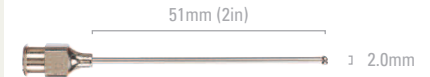
FTSS-20S-25 20ga (0.6x0.9mm) SS, NB



FTSS-20S-38 20ga (0.6x0.9mm) SS, NB



FTSS-18S-51 18ga (1.1x1.3mm) SS, NB



FTSS-18S-76 18ga (1.1x1.3mm) SS, NB



FTSS-16S-76 16ga (1.3x1.7mm) SS, NB



All models sold sterilized by EtO gas.

Restraint and dosing technique is critical for the safety of the animal and the handler, and to prevent biting of the tubes. View training videos at www.rodentgavage.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)
PC: polycarbonate (hub)
SS: stainless steel (tube)
NB: nickel-plated brass (hub)