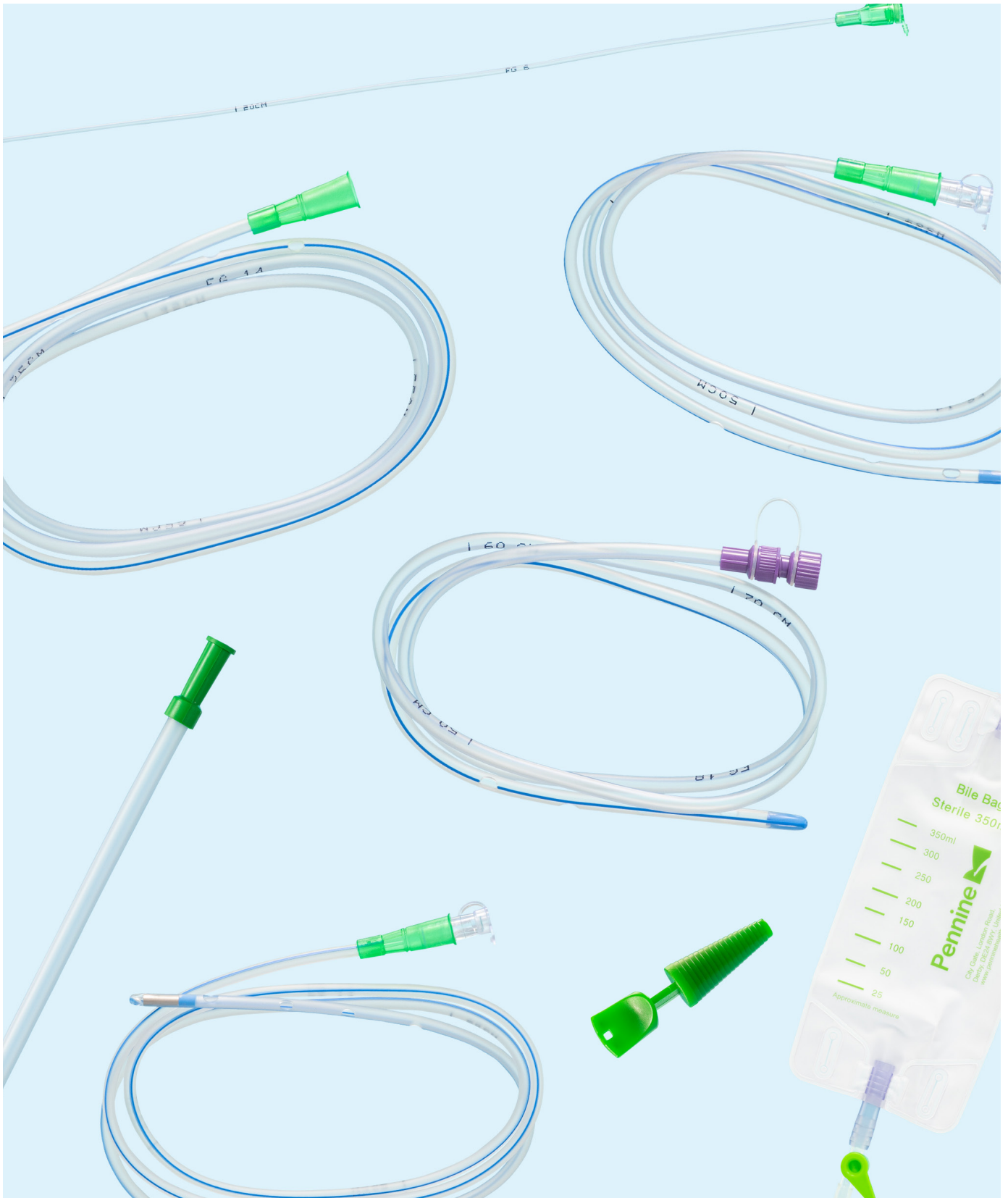


# GASTROENTEROLOGY

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## ABOUT PENNINE

Pennine Healthcare is proud to be one of the UK's leading, employee owned, manufacturer and distributor, of single use, sterile Ward & Theatre Consumables and Custom Procedure Packs, and since our incorporation in 1963, the business has grown year on year. We market our products and services in over 50 countries worldwide and employ around 200 people at our purpose-built premises in Derby.

In line with our ISO 13485 accreditation, Pennine has a policy of continual improvement in order to meet the needs of the changing global standards for sterile, single use medical devices. Continual investment in people, training, and technology, has enabled us to provide an increasingly wide range of user friendly, high specification products. We also promote standards of safety, health, and welfare to provide a healthy and safe working environment.

Our vision will be delivered by supplying world class products and delivering distinctive customer service supported by a culture of continuous

improvement in investing in our people. Our core skills in manufacturing and engineering make us competitive through technological innovation, enabling us to be innovative, flexible and responsive, supplying healthcare organisations and businesses across the globe with the highest quality British manufactured products.

Pennine Healthcare is also proud to be one of the leading suppliers of PPE into healthcare settings, and as a hospital focussed company, we sell directly to healthcare professionals in all areas, including intensive care and operating theatres. In 2014 Pennine Healthcare saw the need to develop a range of PPE and Infection Control products, due to a lack of complete, high quality products available for the general public, and thus ARMA was born.

We hope you find what you are looking for in the following pages of this brochure, but if you do not, please do not hesitate to get in touch. We're a friendly bunch and love speaking to new, and old, customers alike.



# PENNINE GASTROENTEROLOGY PRODUCT RANGE

Our Gastroenterology Range offers superb quality, performance, and solution, to your gastric needs. We strive to achieve the following in our Gastroenterology Range:

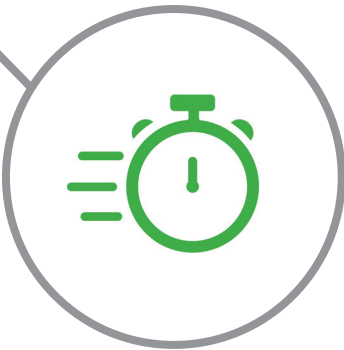
## CHOICE

A range of cost effective single use products, suitable for a variety of procedures. When you choose to purchase a product from Pennine you know you are buying from an Employee-Owned company you can trust.



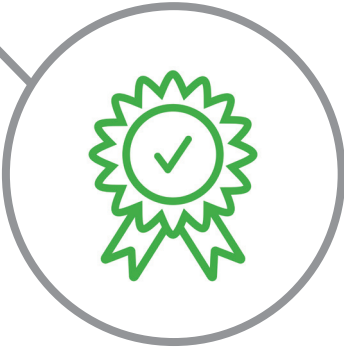
## SPEED

Our single use products are easily and quickly identifiable, with transparent packaging and clear labelling. Our single use gastric products can also be incorporated in customised procedure packs, providing further efficiencies.



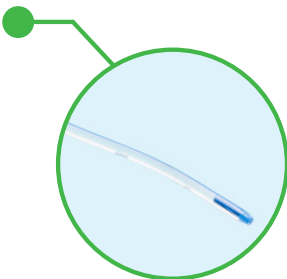
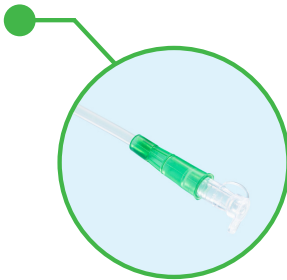
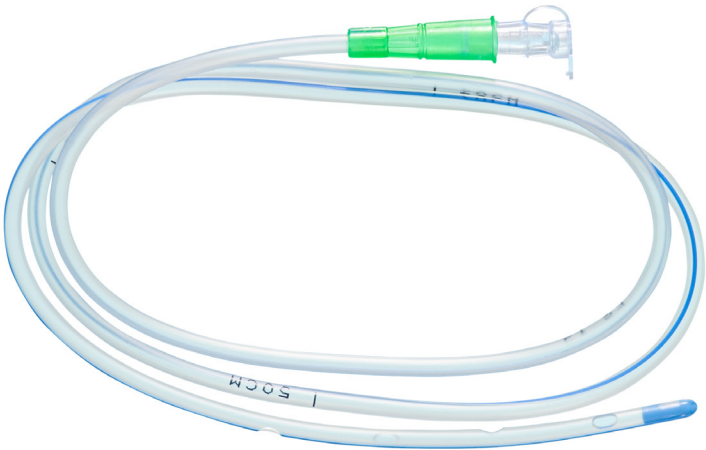
## SAFETY

We put patient safety and the forefront of everything we manufacture and distribute, with products being Latex and DEHP free, unless stated.



In line with our ISO 13485 accreditation, Pennine has a policy of continual improvement in order to meet the needs of the changing international standards for sterile, single use medical devices.

# RYLES TUBES



The Ryle's tube is designed to provide access to nasogastric tract for introduction of nutrition and aspiration of intestinal secretion. The main use of a Nasogastric tube is for feeding and for administering drugs and other oral agents. A Nasogastric tube is inserted through the nose with the end of the tube reaching into the stomach.

- Soft, frosted and kink resistance PVC tubing
- Closed distal end with four lateral eyes to reduce risk of blockage
- Supplied sterile, in individual peel pouches
- Color coded funnel end connector for easy identification of size and attached luer adaptor

	Product Code	Tube Length	CH/Diam.	Connector	Side Eyes	Tip	Qty per Box	
*	AERT2306	105cm	6ch ø 2.0mm	Funnel + Luer	4	Closed Tip	50	
*	AERT2308	105cm	8ch ø 2.7mm	Funnel + Luer	4	Closed Tip	50	
*	AERT2310	105cm	10ch ø 3.3mm	Funnel + Luer	4	Closed Tip	50	
*	AERT2312	105cm	12ch ø 4.0mm	Funnel + Luer	4	Closed Tip	50	
*	AERT2314	105cm	14ch ø 4.7mm	Funnel + Luer	4	Closed Tip	50	
*	AERT2316	105cm	16ch ø 5.3mm	Funnel + Luer	4	Closed Tip	50	
*	AERT2318	105cm	18ch ø 6.0mm	Funnel + Luer	4	Closed Tip	40	
*	AERT2320	105cm	20ch ø 6.7mm	Funnel + Luer	4	Closed Tip	40	

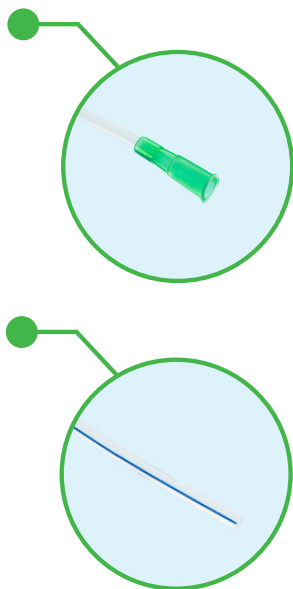
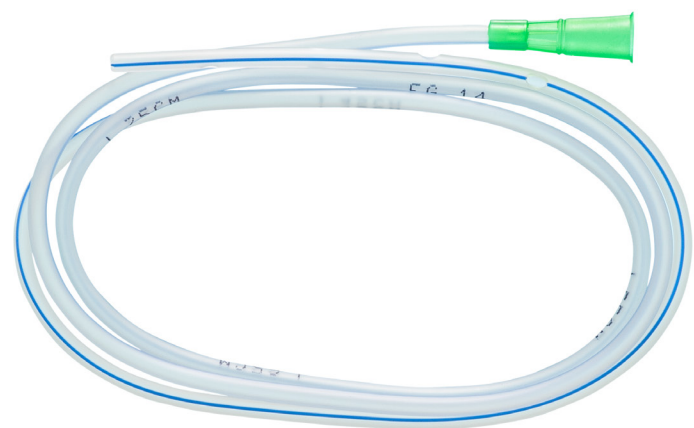
\*Please note Pennine does not recommend non ENFit tubes for feeding in markets that have adopted the ENFit System.



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Please note: All dimensions are nominal.  
Please note any products featuring a "\*" indicates the product is distributed by Pennine.  
For Regulatory and Technical information, Technical Data Sheets, are available upon request.

LEVINS TUBES



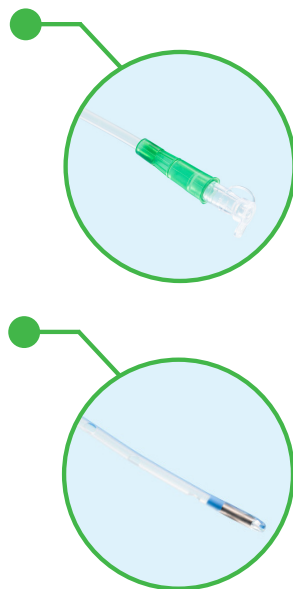
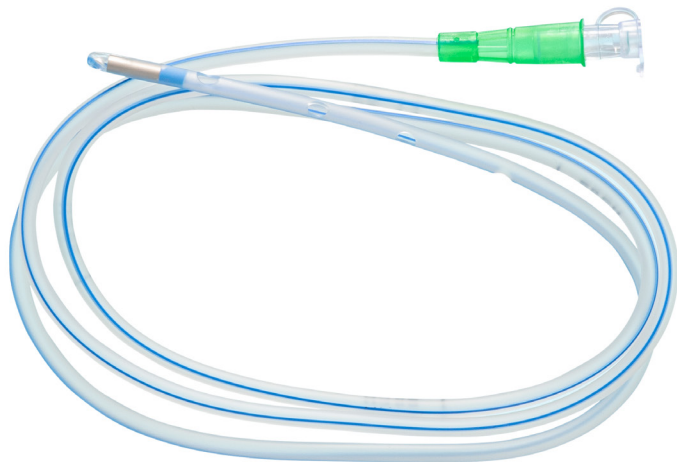
Levin’s tube is used for gastro-intestinal feeding and aspiration of intestinal secretions. Levin’s tube is a tube that is inserted through the nose into the upper alimentary canal and is used to facilitate intestinal decompression.

- Soft, frosted and kink resistance PVC tubing
- Open end (terminal eye) to ensure maximum dispersion
- Supplied sterile, in individual peel pouches
- Color coded funnel end connector for easy identification of size

Product Code	Tube Length	CH/Diam.	Connector	Side Eyes	Tip	Qty per Box
* AEXLT2206	125cm	6ch ø 2.0mm	Funnel	4	Open Tip	50
* AEXLT2208	125cm	8ch ø 2.7mm	Funnel	4	Open Tip	50
* AEXLT2210	125cm	10ch ø 3.3mm	Funnel	4	Open Tip	50
* AEXLT2212	125cm	12ch ø 4.0mm	Funnel	4	Open Tip	50
* AEXLT2214	125cm	14ch ø 4.7mm	Funnel	4	Open Tip	50
* AEXLT2216	125cm	16ch ø 5.3mm	Funnel	4	Open Tip	50
* AEXLT2218	125cm	18ch ø 6.0mm	Funnel	4	Open Tip	40
* AEXLT2220	125cm	20ch ø 6.7mm	Funnel	4	Open Tip	40

\*Please note Pennine does not recommend non ENFit tubes for feeding in markets that have adopted the ENFit System.

RYLES TUBE (METAL TIPPED)



The Ryle’s tube is designed to provide access to nasogastric tract for introduction of nutrition and aspiration of intestinal secretion. The main use of a Nasogastric tube is for feeding and for administering drugs and other oral agents. A Nasogastric tube is inserted through the nose with the end of the tube reaching into the stomach.

- Soft, frosted and kink resistance PVC tubing
- Closed metal tip for improved positioning and four atraumatic eyes to reduce risk of blockage
- Supplied sterile, in individual peel pouches
- Color coded funnel end connector for easy identification of size and attached luer adaptor

Product Code	Tube Length	CH/Diam.	Connector	Side Eyes	Tip	Qty per Box
* RT-2108	122cm	8ch ø 2.7mm	Funnel + Luer	4	Metal Tip	50
* RT-2110	122cm	10ch ø 3.3mm	Funnel + Luer	4	Metal Tip	50
* RT-2112	122cm	12ch ø 4.0mm	Funnel + Luer	4	MetalTip	50
* RT-2114	122cm	14ch ø 4.7mm	Funnel + Luer	4	Metal Tip	50
* RT-2116	122m	16ch ø 5.3mm	Funnel + Luer	4	Metal Tip	50
* RT-2118	122cm	18ch ø 6.0mm	Funnel + Luer	4	Metal Tip	40

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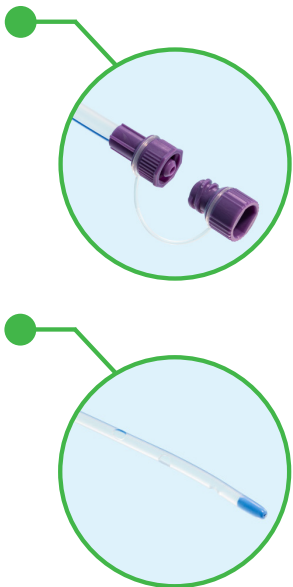
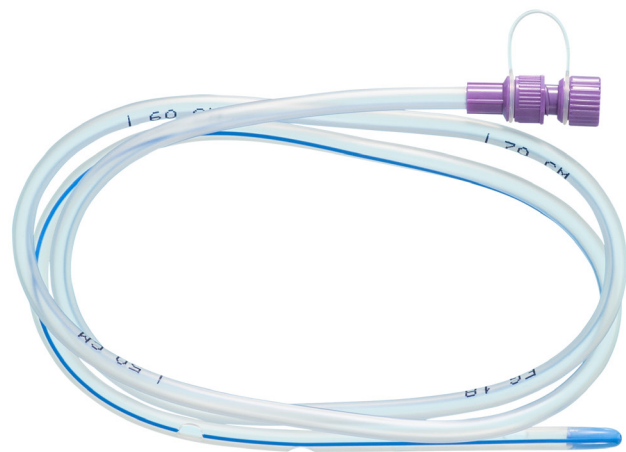


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RYLES TUBE (ENFIT)



The Ryle’s tube is designed to provide access to nasogastric tract for introduction of nutrition and aspiration of intestinal secretion. The main use of a Nasogastric tube is for feeding and for administering drugs and other oral agents. A Nasogastric tube is inserted through the nose with the end of the tube reaching into the stomach.

- Soft, frosted and kink resistance PVC tubing
  - Open end (terminal eye) to ensure maximum dispersion
  - ENFit Enteral Feeding Connector - has a unique enteral specific design in accordance to ISO 80369-3 that does not allow connectivity with connectors for any other clinical use. It provides a locking feature for a secure, leak free connection.
- Color coded funnel end connector for easy identification of size and attached luer adaptor
  - Supplied sterile, in individual peel pouches

	Product Code	Tube Length	CH/Diam.	Connector	Side Eyes	Tip	Qty per Box
*	AERT2306EF	105cm	6ch ø 2.0mm	ENFit	4	Closed Tip	50
*	AERT2308EF	105cm	8ch ø 2.7mm	ENFit	4	Closed Tip	50
*	AERT2310EF	105cm	10ch ø 3.3mm	ENFit	4	Closed Tip	50
*	AERT2312EF	105cm	12ch ø 4.0mm	ENFit	4	Closed Tip	50
*	AERT2314EF	105cm	14ch ø 4.7mm	ENFit	4	Closed Tip	50
*	AERT2316EF	105cm	16ch ø 5.3mm	ENFit	4	Closed Tip	50
*	AERT2318EF	105cm	18ch ø 6.0mm	ENFit	4	Closed Tip	40

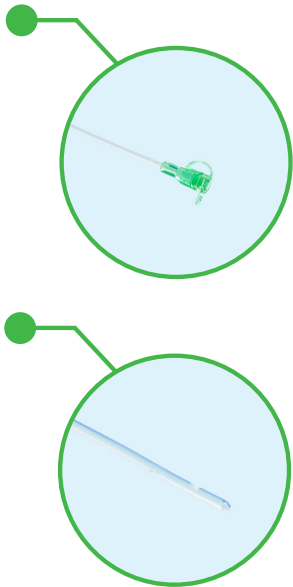
\*Please note Pennine does not recommend non ENFit tubes for feeding in markets that have adopted the ENFit System.

INFANT FEEDING TUBES



This Infant Feeding Tube is used to provide feeding to neonates and infants. A feeding tube is a small, soft, plastic tube placed through the nose or mouth into the stomach.

- Tube with radio-opaque line provided to its full length and marked at 20cm from the tip for accurate placement of tube.
  - Closed distal end with two lateral eyes to reduce risk of blockage.
- Color coded funnel end connector for easy identification of size
  - Sterile, individual peel pouches



	Product Code	Tube Length	CH/Diam.	Connector	Side Eyes	Tip	Qty per Box
*	AEFT190540	40cm	5ch ø 1.7mm	Luer	2	Closed Tip	100
*	AEFT190640	40cm	6ch ø 2.0mm	Luer	2	Closed Tip	100
*	AEFT190840	40cm	8ch ø 2.7mm	Luer	2	Closed Tip	100
*	AEFT191040	40cm	10ch ø 3.3mm	Luer	2	Closed Tip	100
*	AEFT190550	50cm	5ch ø 1.7mm	Luer	2	Closed Tip	100
*	AEFT190650	50cm	6ch ø 2.0mm	Luer	2	Closed Tip	100
*	AEFT190850	50cm	8ch ø 2.7mm	Luer	2	Closed Tip	100
*	AEFT191050	50cm	10ch ø 3.3mm	Luer	2	Closed Tip	100
*	AEFT1905100	100cm	5ch ø 1.7mm	Luer	2	Closed Tip	100
*	AEFT1906100	100cm	6ch ø 2.0mm	Luer	2	Closed Tip	100
*	AEFT1908100	100cm	8ch ø 2.7mm	Luer	2	Closed Tip	100

\*Please note Pennine does not recommend non ENFit tubes for feeding in markets that have adopted the ENFit System.

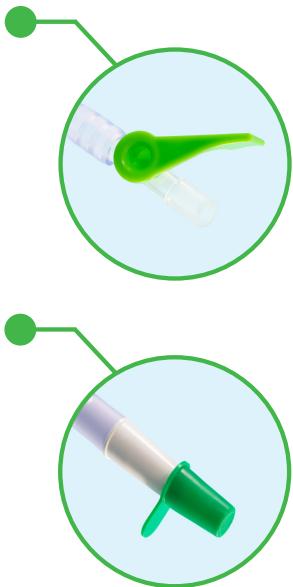


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BILE BAGS



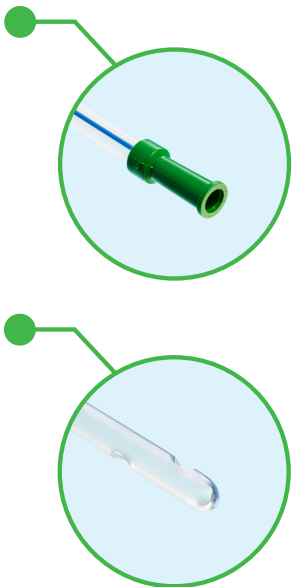
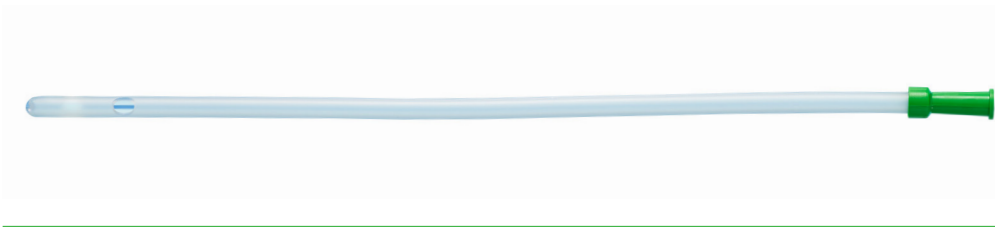
Bile bags for the collection of bile and other gastric secretions. The disposable bile bag is used to collect bile from a duodenal drainage tube for temporary storage of bodily fluids for disposal.

- 350ml collection bag with graduated markings
  - Easy connection to a Pennine nasogastric tube (Ryles tube or Levins tube) or with a Kehr’s tube
  - Sterile, individual peel pouches
- Available with:

  - Straps for bed or patient attachment
  - Lever tap or capped opening for drainage
  - Ryles Male or Kehrs connector

Product Code	Description	Drainage	Qty per Box
* AEBB350RY	350ml bag, with push fit Ryles male connector	Lever Tap	100
* AEBB350TR	350ml bag, with push fit Ryles male connector, and optional Kehrs	Lever Tap	100
* AEBB350TY	350ml bag, with push fit Kehrs connector	Lever Tap	100
* AEDB3B	350ml bag, with Kehrs connector – includes 2 x fixing straps	Green Cap	100
* AEDB3BR	350ml bag, with push fit Ryles male connector – includes 2 x fixing straps	Green Cap	100
* AEDB3BW	350ml bag, with Kehrs connector	Green Cap	100

RECTAL CATHETERS



The product is used to provide access to the human secretion system through rectum to discharge the waste with maximum comfort to the patient. It’s also used to relieve flatulence (the presence of excessive gas in the digestive tract) unresponsive to activity or medications.

- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
  - Proximal end fitted with universal funnel shaped connector for safe connection to waste bag
- 40cm long, soft, frosted & kink resistant PVC tubing
  - Sterile, individual peel pouches

Product Code	CH/Diam.	Qty per Box
* AERC1816	16ch ø 5.3mm	1000
* AERC1818	18ch ø 6.0mm	100
* AERC1820	20ch ø 6.7mm	100
* AERC1822	22ch ø 7.3mm	100
* AERC1824	24ch ø 8.0mm	50
* AERC1826	26ch ø 8.7mm	50
* AERC1828	28ch ø 9.3mm	50
* AERC1830	30ch ø 10.0mm	50

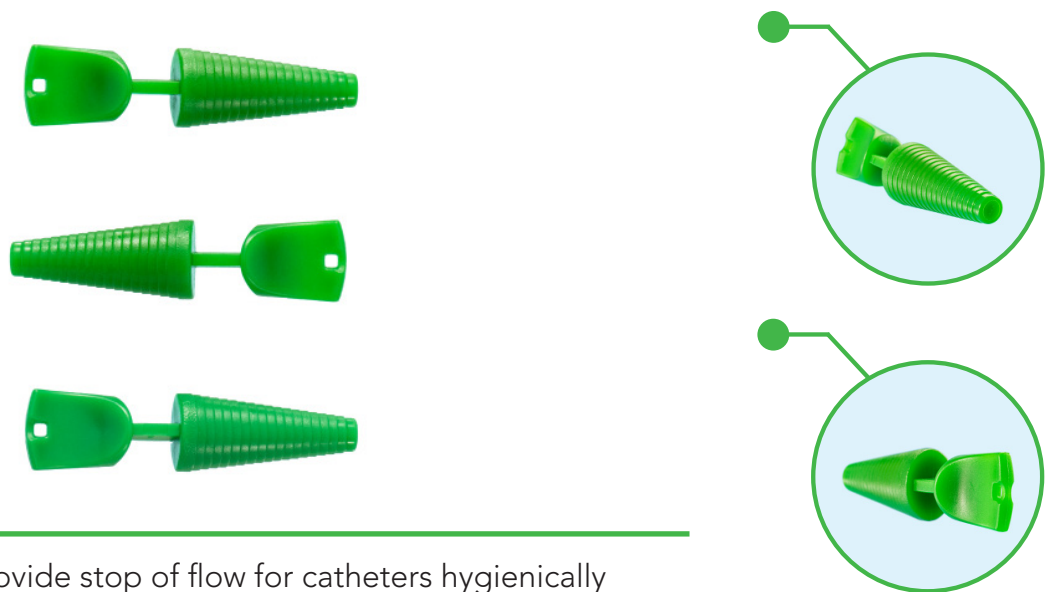


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CATHETER SPIGOT



A stopper is used to provide stop of flow for catheters hygienically during nursing procedures.

- Universal size is moulded to fit all sizes of catheters or tubes
- Sterile, individual peel pouches
- Graduated design easily connects tubing of various internal diameters

Product Code	Description	Qty per Box
* AECS9004	Catheter Spigot – Universal Size	500



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