



Since 1977, innovation, quality, and reliability are injected into every product we offer.

SET[®] SYRINGES

Did you know?

Trusted Legacy	Since 1977, we've been at the forefront of providing safe, high-quality disposable medical devices to healthcare professionals and patients.
High Quality Materials and Components	Every syringe is crafted from medical-grade materials, ensuring unparalleled quality and safety.
Massive Scale	With the capacity to produce over 1 billion syringes a year, we're equipped to meet the demands of the medical community efficiently.
Global Impact	Our syringes are chosen by top medical device companies, pharmaceuticals, and hospital groups, reaching over 30 countries worldwide.
Industry Certified	Our products come with the assurance of FDA 510K clearance, CE marking, and an FDA-approved sterilization process.
Innovative Design	Our in-house mold shop empowers us to quickly adapt to market trends and provide tailor-made solutions to our clients.

2-piece Syringes

Set® Inject Luer and Luer Lock



2/2.5/3 ml



5/6 ml



10/12 ml



20/24 ml

Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene
- Free from silicone oil, PVC, Latex, DEHP and BPA

Product Features

- Luer and luer lock connector tips
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage

Availability

- Single packaging or customized tray options
- Sterile or non-sterile
- Without or with needle (bi-packed)

Size	Luer Tip Cone	Lock Tip Cone	Graduation	Units per Box	Units per Case	Reference Number
2 ml	Centric	Centric	0.1 ml	100 pcs	2,400 pcs	21IN-0202XXXXXX
3 ml	Centric	Centric	0.1 ml	100 pcs	2,400 pcs	21IN-0302XXXXXX
5/6 ml	Eccentric	Centric	0.2 ml	100 pcs	1,600 pcs	21IN-0502XXXXXX
10/12 ml	Eccentric	Centric	0.5 ml	100 pcs	1,200 pcs	21IN-1002XXXXXX
20 ml	Eccentric	Centric	1.0 ml	100 pcs	600 pcs	21IN-2002XXXXXX
50 ml	N/A	Centric	1.0 ml	60 pcs	240 pcs	21IN-5002XXXXXX

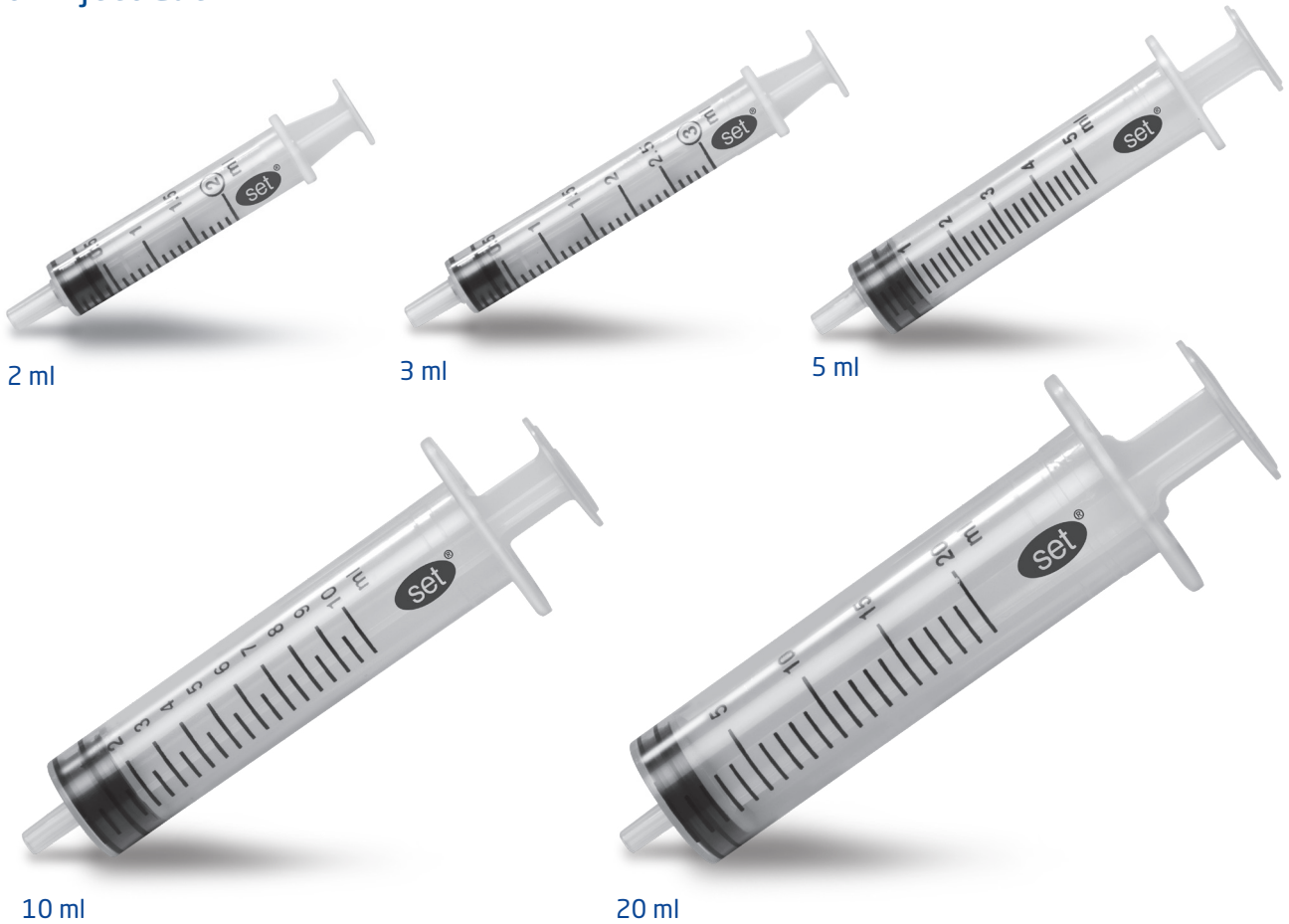
* Units per box and case can be varied upon request.

* Units per box and case information are provided only for single packaging.

* Reference numbers indicated only for syringes without needles.

3-piece Syringes

Set® Inject Luer



Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Luer connector
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage

Availability

- Single packaging or customized tray options
- Sterile or non-sterile
- Without or with needle (bi-packed)

Size	Luer Tip Cone	Graduation	Graduated Capacity	Units per Box	Units per Case	Reference Number
2 ml	Centric	0.1 ml	2.5 ml	100 pcs	2,400 pcs	21IN-0203XXXXXX
3 ml	Centric	0.1 ml	3.0 ml	100 pcs	2,400 pcs	21IN-0303XXXXXX
5 ml	Centric & Eccentric	0.2 ml	5.0 ml	100 pcs	1,600 pcs	21IN-0503XXXXXX
10 ml	Centric & Eccentric	0.5 ml	12 ml	100 pcs	1,200 pcs	21IN-1003XXXXXX
20 ml	Eccentric	1.0 ml	20 ml	100 pcs	600 pcs	21IN-2003XXXXXX
50 ml	Eccentric	1.0 ml	60 ml	60 pcs	240 pcs	21IN-5003XXXXXX

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* Units per box and case information are provided only for single packaging.

3-piece Syringes

Set® Inject Luer Lock



Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Luer lock connector tip
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger
- Color options for plunger for precise dosage

Availability

- Single packaging or customized tray options
- Sterile or non-sterile
- Without or with needle (bi-packed)

Size	Luer Tip Cone	Graduation	Graduated Capacity	Units per Box	Units per Case	Reference Number
2 ml	Centric	0.1 ml	2.5 ml	100 pcs	2,400 pcs	21IN-0203XXXXXX
3 ml	Centric	0.1 ml	3.0 ml	100 pcs	2,400 pcs	21IN-0303XXXXXX
5 ml	Centric	0.2 ml	5.0 ml	100 pcs	1,600 pcs	21IN-0503XXXXXX
10 ml	Centric	0.5 ml	12 ml	100 pcs	1,200 pcs	21IN-1003XXXXXX
20 ml	Centric	1.0 ml	20 ml	100 pcs	600 pcs	21IN-2003XXXXXX
50 ml	Centric	1.0 ml	60 ml	60 pcs	240 pcs	21IN-5003XXXXXX

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* Units per box and case information are provided only for single packaging.

* Reference numbers indicated only for syringes without needles.

50/60 ml Syringes

Set® Inject Luer, Luer Lock, Catheter



50/60 ml Luer



50/60 ml Luer Lock



50/60 ml Catheter

Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Luer, luer lock, or catheter cone
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage

Availability

- Sterile or non-sterile
 - Without or with cap
 - Without or with needle (bi-packed)
-

50/60 ml Syringes

Set® Perfusion



50 ml Perfusion (transparent)



50 ml Perfusion (opaque)



50 ml Perfusion (amber)



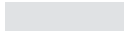

Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Set Perfusion syringes are manufactured conforming the ISO standards
- Compatible with infusion pumps
- Easy and comfortable plunger movement
- Transparent, Amber, and Opaque options available for barrel
 - Amber: preventing UV and visible light transmittance up to 550nm wavelength while allowing the tracking of fluid level in the syringe
 - Opaque: preventing light transmittance fully for the use of photosensitive medications

Most Preferred Needles

			
14G x 1 1/4" 2 x 30 mm	15G x 1" 1.8 x 25 mm	16G x 1" 1.6 x 25 mm	18G x 1 1/2" 1.2 x 38 mm

Availability

- Sterile or non-sterile
- Without or with cap
- Without or with needle (bi-packed)
- Without or with aspiration or filter needle

1 ml Syringes

1 ml Low Dead Space Luer Syringe



Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Luer connector
- Low dead space minimizing the medication waste
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage

Size	Connector	Graduation	Graduated Capacity	Units per Box	Units per Case	Reference Number
1 ml	Luer	0.01 ml & 0.05 ml	1.0 ml	100 pcs	3,200 pcs	21IN-0103XXXXXX
1 ml	Luer	0.01 ml & 0.05 ml	1.0 ml	100 pcs	2,700 pcs	21IN-0103XXXXXX

* Units per box and case can be varied upon request.

* Units per box and case information are provided only for single packaging.

1 ml Luer Lock Syringe



Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Luer Lock connector
- Low dead space minimizing the medication waste
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage

Size	Connector	Graduation	Graduated Capacity	Units per Box	Units per Case	Reference Number
1 ml	Luer Lock	0.01 ml & 0.05 ml	1.0 ml	100 pcs	3,200 pcs	21IN-0103XXXXXX
1 ml	Luer Lock	0.01 ml & 0.05 ml	1.0 ml	500 pcs	3,000 pcs	21IN-0103XXXXXX

* Units per box and case can be varied upon request.

* Units per box and case information are provided only for single packaging.

Set® Lance

Standard Hypodermic Needle



Product Materials

- Needle made from high quality stainless steel
- Medical grade silicone coated needle

Product Features

- Easy penetration and less irritation on the skin
- Fine needle tip ensures a successful and painless insertion
- Color coded hub enables an easy understanding of needle sizes
- Packaged with medical grade paper

Safety Hypodermic Needle



Product Materials

- Needle made from high quality stainless steel
- Medical grade silicone coated needle

Product Features

- Safety mechanism minimizing the risks for both caregivers and patients
- Easy penetration and less irritation on the skin
- Fine needle tip ensures a successful and painless insertion
- Color coded container enables an easy understanding of needle sizes
- Packaged with medical grade paper

Gauge	Length (inch)	Length (mm)	Standard Hypodermic	Safety Hypodermic
16G	1"	25 mm	●	
18G	1"	25 mm	●	●
	1 1/2"	38 mm	●	●
19G	1"	25 mm	●	●
	1 1/2"	38 mm	●	●
20G	1"	25 mm	●	●
	1 1/2"	38 mm	●	●
21G	5/8"	16 mm	●	
	1"	25 mm	●	●
	1 1/2"	38 mm	●	●
22G	1"	25 mm	●	●
	1 1/4"	32 mm	●	●
	1 1/2"	38 mm	●	●
23G	1"	25 mm	●	●
	1 1/4"	32 mm	●	●
	1 1/2"	38 mm	●	
25G	1/2"	13 mm	●	
	5/8"	16 mm	●	●
	1"	25 mm	●	●
26G	1/2"	13 mm	●	
	1"	25 mm	●	●
27G	1/2"	13 mm	●	●
	2"	50 mm	●	

Elevating care with every measurement and every injection.

SPECIALIZED SYRINGES

Did you know?

Custom Solutions	One size does not fit all in healthcare. That's why we offer customized syringes to meet the unique demands of specialized medical procedures.
Tailored Precision	Designed for precision in niche applications, ensuring exact dosage and targeted delivery where it matters most.
Innovative Engineering	Representing the pinnacle of medical engineering, with features that enhance safety and improve patient outcomes.
Advanced Safety	With patient and caregiver safety as a priority, our specialized syringes include advanced features to prevent needlestick injuries and ensure secure handling.
Diverse Applications	Whether it's for delicate surgical procedures, precise diagnostic work, or innovative treatment methods, our specialized syringes are the tools of choice for professionals across the medical field.

Specialized Syringes

Blood Gas Syringe

2 ml



Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- Barrel made of medical-grade polypropylene
- Pre-heparinized with dry heparin enabling a homogeneous sampling
- Containing 80 I.U. of lyophilized electrolyte-balanced heparin
- Syringe cap preventing the contact with the gases in the environment

Gel Syringe

6 ml



11 ml



Product Materials

- Free from PVC, Latex, DEHP and BPA
- Plastic raw material of glass transparency and medical purity
- Latex-free butyl rubber stopper compatible with long-term drug contact

Product Features

- Easy and comfortable plunger movement
- Stop point design preventing the easy exit of the piston from the cylinder barrel
- Design allowing single-handed use
- Centralized tip

Specialized Syringes

Dental Syringes



2 ml 2-piece luer syringe



2 ml 3-piece luer syringe



2 ml 3-piece luer lock syringe

Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Free from silicone oil (for 2-piece syringes)
- Medical-grade rubber gasket

Product Features

- Luer and Luer Lock connector
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage
- Sterile single packaging with and without detached needle options

Size	Connector	Cone	Gauge x Length (inch)	Ø x Length	Units per Box	Units per Case	Reference Number
2 ml	Luer	Centric	27G x 1 1/2"	0.4 x 40 mm	300 pcs	2,400 pcs	21IN-0202274001
2 ml	Luer	Centric	27G x 2"	0.4 x 50 mm	300 pcs	2,400 pcs	21IN-0202275001
2 ml	Luer	Centric	27G x 1 1/2"	0.4 x 40 mm	300 pcs	2,400 pcs	21IN-0203274001
2 ml	Luer	Centric	27G x 2"	0.4 x 50 mm	300 pcs	2,400 pcs	21IN-0203275001
2 ml	Luer Lock	Centric	27G x 1 1/2"	0.4 x 40 mm	300 pcs	2,400 pcs	21IN-0253274005
2 ml	Luer Lock	Centric	27G x 2"	0.4 x 50 mm	300 pcs	2,400 pcs	21IN-0253275002

* Units per box and units per carton can be varied upon request.

* Units per box and case information are provided only for single packaging.

Veterinary Syringes



Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Free from silicone oil (for 2-piece syringes)
- Medical-grade rubber gasket

Product Features

- Luer and Luer Lock connector
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel
- Color options for plunger for precise dosage
- Sterile single packaging with and without detached needle options

Most Preferred Needles

21G x 5/8"	18G x 1 1/2"
0.80 x 16 mm	1.20 x 40 mm

Specialized Syringes

Set® ENFit Syringes for Enteral / Oral Use

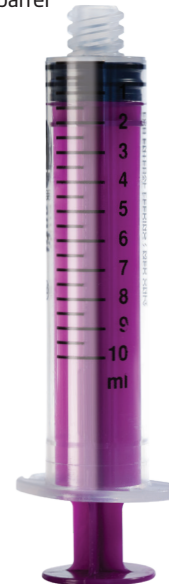


Product Materials

- Barrel made of medical-grade polypropylene
- Plunger made of medical-grade polyethylene/polypropylene
- Free from PVC, Latex, DEHP and BPA
- Medical-grade rubber gasket

Product Features

- ENFit connector
- ISO 80369 compliant
- Unique design to avoid tubing misconnections
- Low dose tip design on the 1 ml, 3 ml and 5 ml sizes enabling higher dosage accuracy
- Purple barrel allowing easy recognition
- Easy and comfortable plunger movement
- Black graduation for easy reading and accurate dosing
- Safe plunger backstop preventing the easy exit of the plunger from the barrel



Availability

- Sterile single packaging
- 1 ml, 3 ml, 5 ml, 10 ml, 20 ml, and 50/60 ml sizes

Size	Connector	Units per Box	Units per Case	Reference Number
1 ml	ENFit	100	3,200 pcs	21EN-0103000001
3 ml	ENFit	100	2,400 pcs	21EN-0303000001
5 ml	ENFit	100	1,600 pcs	21EN-0503000001
10 ml	ENFit	100	1,200 pcs	21EN-1003000001
20 ml	ENFit	100	600 pcs	21EN-2003000001
50/60 ml	ENFit	60	240 pcs	21EN-6003000001

* Units per box and case can be varied upon request.

* Units per box and case information are provided only for single packaging.

Empowering individuals with diabetes to manage their health with confidence and ease.

OTHER MEDICAL OFFERINGS

Did you know?

Precision for Better Management	Our pen needles and syringes are designed with precision to ensure accurate insulin dosing, helping in effective diabetes management.
Comfort and Ease	We prioritize comfort with ultra-fine, sharp needles and smooth plunger action, reducing discomfort and making daily insulin administration easier.
Universal Compatibility	Our insulin pen needles are designed to be universally compatible with all leading insulin pen brands, offering versatility and convenience.
Safety First	Each product is sterile and single-use, ensuring maximum safety and hygiene to prevent cross-contamination and infections.
Quality Assurance	Adhering to stringent quality standards, our products ensure reliability and consistency in insulin delivery, every time.

Pen Needles



Thin walled body and specific angled sharp tip that minimizes pain

soft
trust

easy

Fast and easy injection

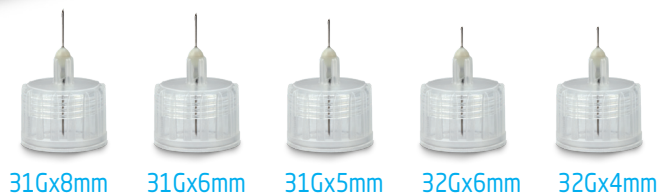
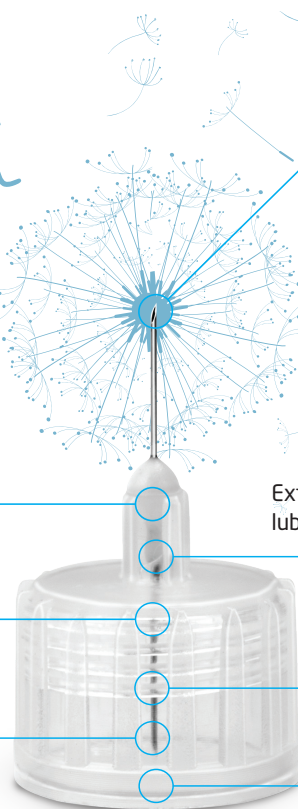
External needle coated with lubricant of medical purity

100% process control with camera

Compatible for use with all known insulin pens

Internal needle coated with lubricant of medical purity

Plastic material of medical purity



31Gx8mm

31Gx6mm

31Gx5mm

32Gx6mm

32Gx4mm

Insulin Syringes

With fixed, pre-mounted, and bi-packed needle options



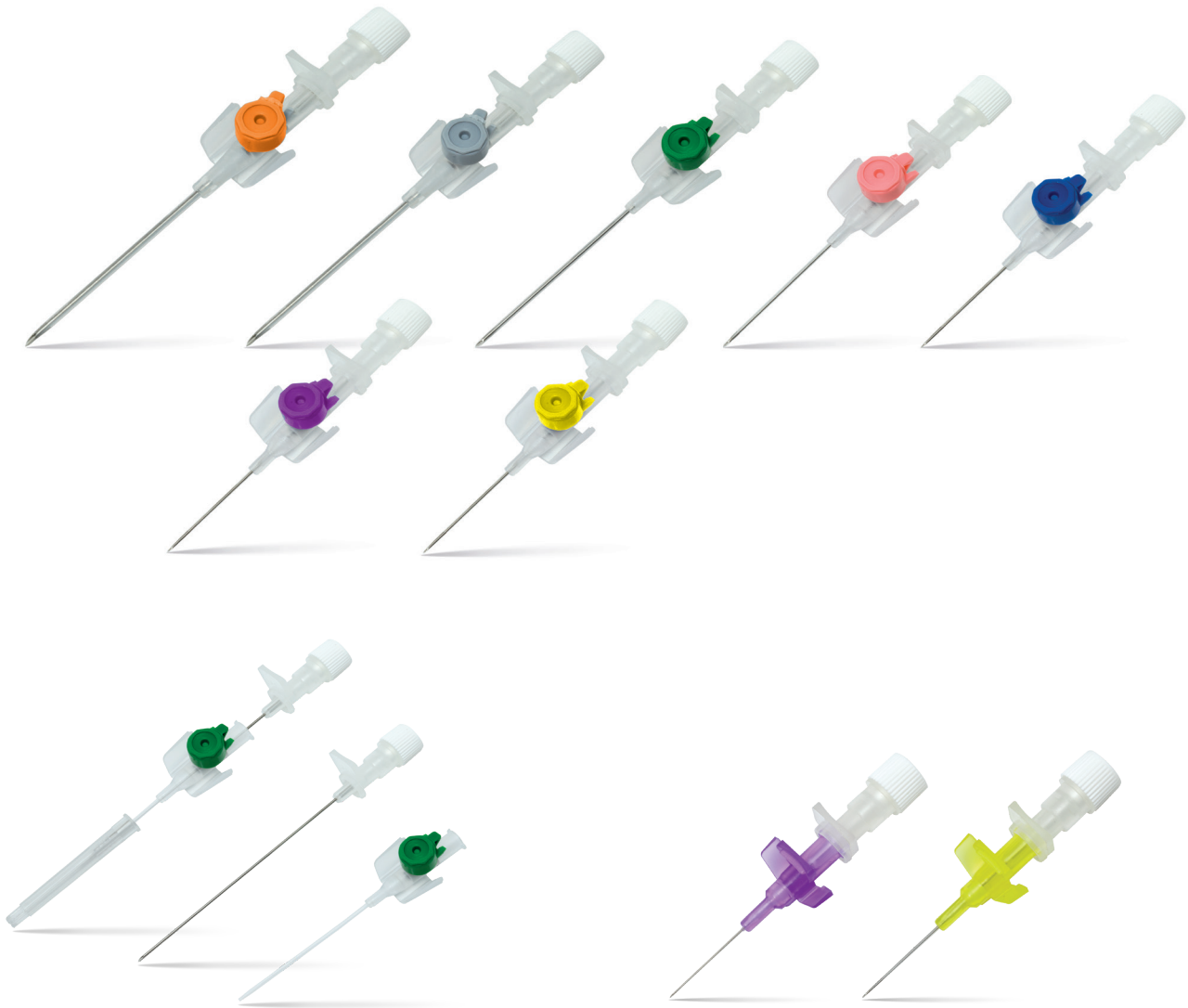
Product Features

- Durable structure up to 4 bar pressure
- Plastic raw material of glass transparency and medical purity
- Latex free seal
- Easy and comfortable piston movement .
- Stop point design preventing easy exit of the piston from the cylinder
- Design allowing single handed use
- Medical grade blister packing consisting of transparent film

Most Preferred Needles

26G x 1/2"	29G x 1/2"	30G x 5/16"
(0.45 x 13 mm)	(0.33 x 13 mm)	(0.30 x 8 mm)

IV Cannulas



Product Materials and Features

- Internal surface ensures free blood flow prevents leakage
- High-grade teflon made radiopaque lined outer surface for radiographic determination
- Specially angled, thin walled ultra sharp guide needle ensuring perfect painless administration to blood vessels.
- Protective caps preventing needleprick
- Balanced and safe grip
- Transparent blood chamber shows correct placement of the catheter.
- Elastic retaining wings with flexible, soft, correct angled suture holes
- Luer Lock cap
- Uni-directional injection port for additional dosage administration
- Easy and safe closing port cap
- Colored port caps identifying dimensions of the cannula
- Medical grade blister packing consisting of transparent film

Catheters

Aspiration, Nelaton, Foley, Rectal, Thoracic Catheters

Aspiration Catheters

- W/Flat Connector
- W/Indexfin Connector
- W/Indexfin II Connector
- W/Vacuum Contolled Connector
- W/Lid-cone Connector

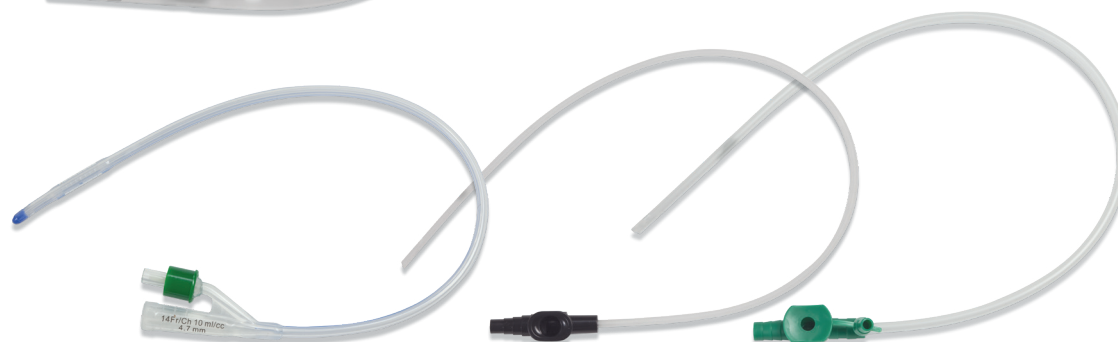
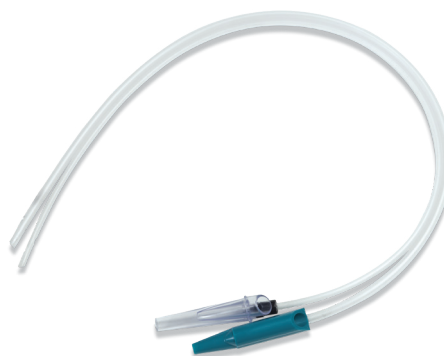


Nelaton Catheters

- Nelaton
- Nelaton Female
- Tiemann



Rectal Catheter Thoracic Catheter Foley Catheter



Product Features

- A wide range of products specific to different surgical procedures.
- Non-toxic, Non-irritant
- Non-pyrogenic
- Extra flat surface provides easy entry
- Color coding enables faster identification
- Sterile, single use.
- Medical grade raw material
- Atraumatic Beveled Distal tip
- Optimum rigidity for non-bending
- Two side holes prevents tissue absorption
- Optimum rigidity for non-bending

Other

Intranasal Automization Device



3-Way Stop Cocks (72psi 120psi)



Needleless Injection Valve



Combi Stopper



Instopper (Heparin cap)



Product Features

- A wide range of products specific to different medical applications
- Non-toxic, non-irritant
- Non-pyrogenic
- Sterile, single use
- Medical grade raw material
- Optimum rigidity for non-bending



SET Medikal is a leading manufacturer and a provider of disposable medical devices at the highest quality possible.

Since 1977, SET has been on a mission to make safe and easy-to-use medical devices accessible for everyone. Today, thousands of healthcare professionals in more than 30 countries use SET syringes, insulin needles, infusion & blood transfusion sets, IV Cannulas and many more. SET conforms to the required international standards and procedures, which enables constant improvement of its products and high customer satisfaction.

Based in Istanbul, SET continues to be the high-quality manufacturer of a variety of disposable medical devices, to provide safe and easy-to-use devices to all around the world, and to ensure both healthcare workers and patients remain safe while its "carefully-designed products are in-use.

Would you like to speak with us?

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