



NEONATOLOGY
Vascular Access

Neonatal
PUR PICCs



Value Life

Global overview

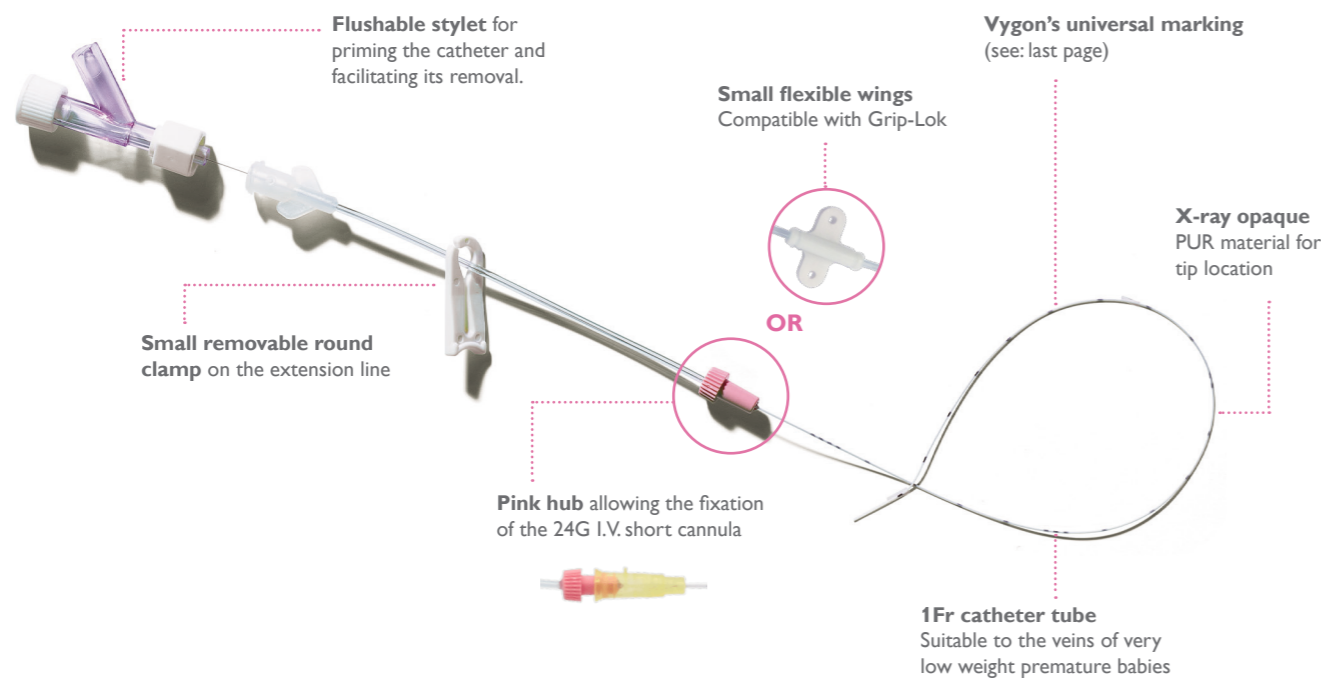
These Peripherally Inserted Central Catheters (PICCs), made of biocompatible polyurethane, are indicated for premature babies, newborns and infants.

They are intended for a short-term (≤ 30 days) intravenous (IV) administration of total parenteral nutrition (TPN), IV medications or fluids, specifically when the IV therapy requires:

- vesicant or irritant drugs,
- $> 600\text{mOsm/kg}$ solutions,
- drugs with $\text{pH} < 5$ or > 9 ,
- or more than 6 days of treatment.

premicath

A 1Fr PICC designed especially for extreme premature babies

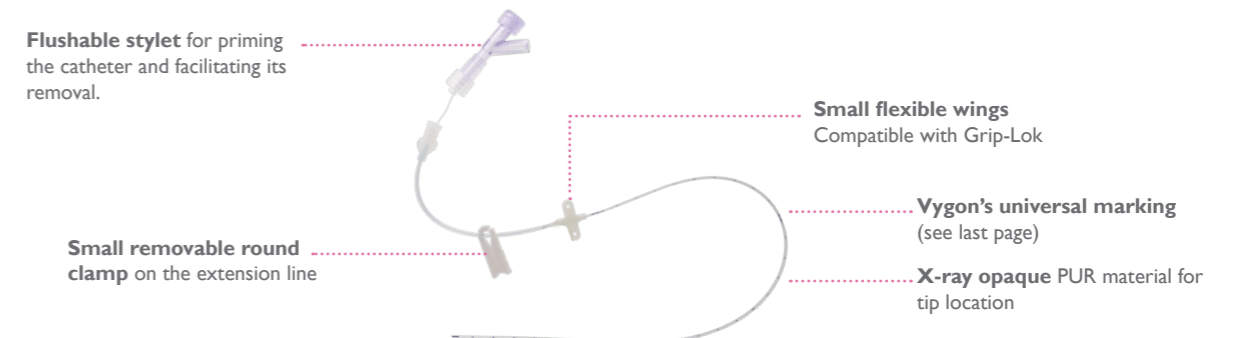


Code	Size	Material	Length	Flow rate (1 bar pressure)	Stylet	Introducers	Quantity Box/case
1261.xx	1Fr (28G) $\varnothing 0.35 \times 0.17$ mm	PUR	8 cm	1.6 ml/min	With or Without	<ul style="list-style-type: none"> • IV cannula • microflash • microsite • Splitting needle 	24G 20G See p.4 24G
			10 cm	1.4 ml/min			
			15 cm	0.9 ml/min			
			20 cm	0.7 ml/min			
			30cm	0.6 ml/min			

Please contact your sales representative to request all the product codes

nutriLine

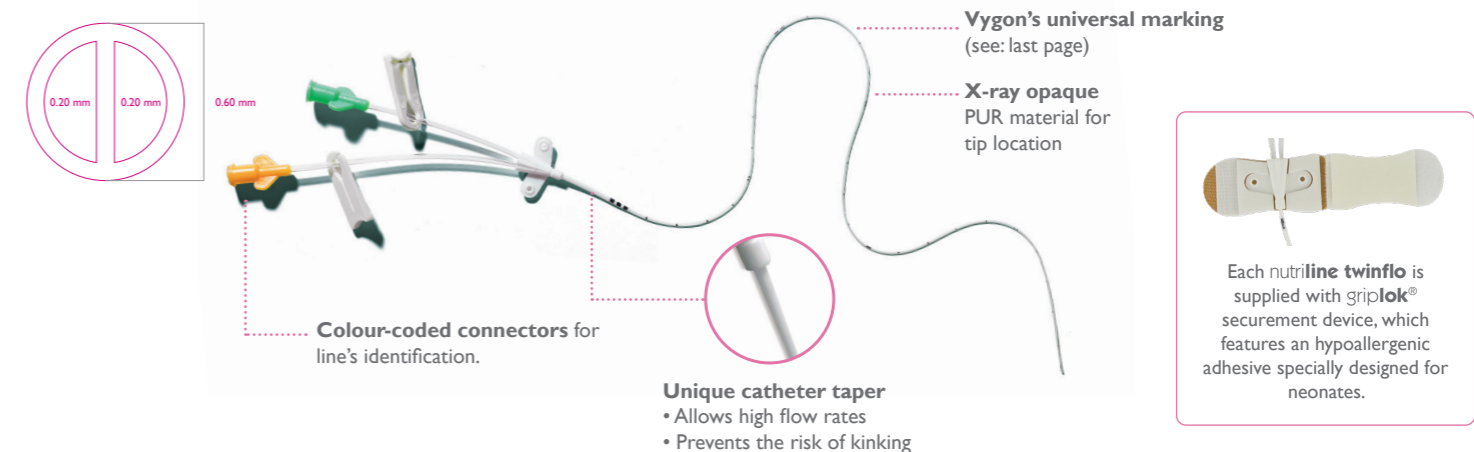
A single-lumen PICC designed for premature babies, newborns and infants, available in 2Fr/3Fr/4Fr



Code	Size	Material	Length	Flow rate (1 bar pressure)	Stylet	Introducers	Quantity Box/case
1252.15	2Fr (24G) $\varnothing 0.6 \times 0.3$ mm	PUR	15 cm	9.0 ml/min	Without	Splitting needle	20G 10/50
1252.150						microflash	
1252.30			Splitting needle				
1252.35			microflash				
1252.030	3Fr (20G) $\varnothing 1.0 \times 0.5$ mm	PUR	30 cm	20.0 ml/min	With	microflash	17G 10/50
1253.30					Without	Splitting needle	
1254.30					Without	Splitting needle	
	4Fr (18G) $\varnothing 1.3 \times 0.8$ mm	PUR	30 cm	90.0 ml/min	Without	Splitting needle	16G 10/50

nutriLine twinflo

A 2Fr double - lumen PICC for infusion of incompatible drugs or simultaneous infusion of medication and parenteral nutrition.



Code	Size	Material	Length	Flow rate (1 bar pressure)	Stylet	Introducers	Quantity Box/case		
1252.225	2Fr (24G) $\varnothing 0.6 \times 0.3$ mm	PUR	20 cm	3.2 ml/min (each lumen)	Without	microflash 20G	10/50		
1252.230					With	Without			
1252.232			30 cm		Without	1.45 ml/min (each lumen)		Without	
1252.235								microflash 20G	

Each nutriLine twinflo is supplied with griptok® securement device, which features an hypoallergenic adhesive specially designed for neonates.

Introducers

A large choice of introducers is available to suit all users and many insertion techniques.


Type	Short I.V. canula		Splitting needle			
	Non-peelable canula	Peelable canula	Splitting needle			
Gauge	24	20	24	20	17	16
Ø ext (mm)	0.7	1.1	0.7	0.9	1.5	1.6
Ø int (mm)	0.5	0.7	0.43	0.66	1.25	1.43
Catheter size's compatibility	1 Fr premicath	1 Fr & 2 Fr premicath nutriline nutriline twinflo	1 Fr premicath	2 Fr nutriline nutriline twinflo	3 Fr nutriline	4 Fr nutriline
Stand-alone Codes	Not available separately	7370.19	7366.510	7366.710	7366.910	7366.810

microsite


microsite is a dedicated introducer kit for the difficult insertion of neonatal PICCs, based on the modified Seldinger technique.

microsite helps increase success rates of insertion from the first attempt, and preserve delicate veins by reducing venous trauma.


Thin puncture needle
19 mm




Symmetrical Nitinol guidewire - 20 cm




Guidewire insertion aid



Peelable sheath dilator
18 mm



Designation & Code	Size		Catheter size's compatibility
	Puncture needle	Peelable sheath	
microsite 1147.02	Gauge		1 Fr & 2 Fr premicath nutriline nutriline twinflo
	24	20	
	Ø ext (mm)		
	0.55	1.1	
Ø int (mm)			
0.4	0.7		

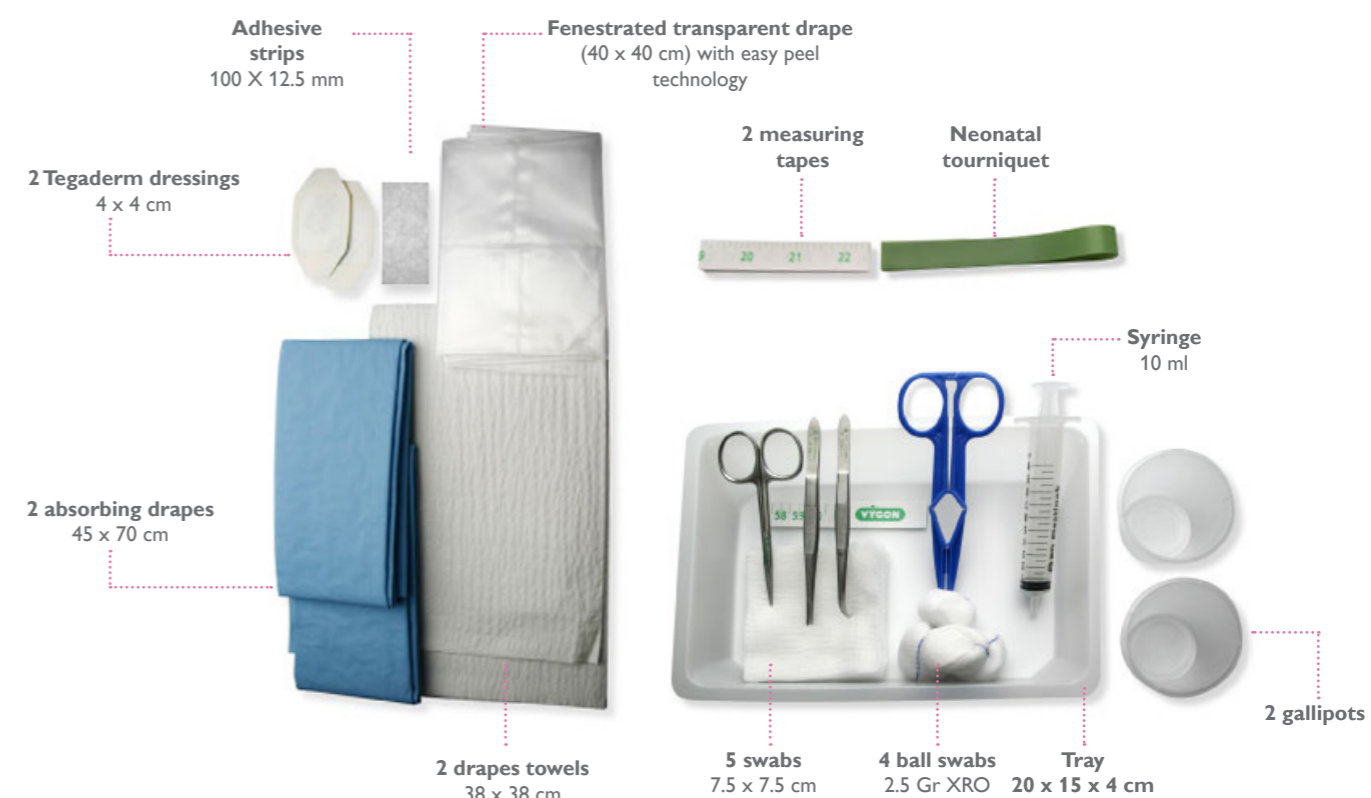

Find out more on our
YouTube Channel

[microsite – How to use](#)
[microsite – Tips for use](#)

Neonatal PICC placement pack

“ Use of a standardized supply kit that contains all necessary components for PICCs is an element of performance ”

National Association of Neonatal Nurses (NANN) Guidelines – 2015



Adapted for neonates

- ✓ Selection of components designed for the tiny patients (e.g. non adhesive drapes respectful of the fragile skin, ...)

Improve safety

- ✓ Standardization of the insertion procedure
- ✓ Equipment to increase the sterile barrier precautions
- ✓ Simplification of the traceability

Save time and money

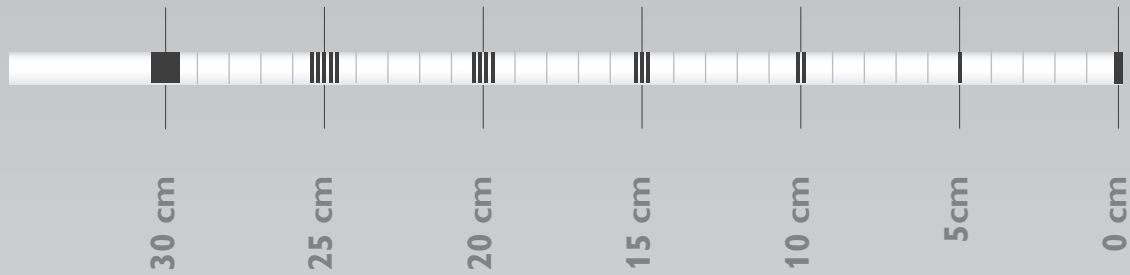
- ✓ Stock & waste management improvement
- ✓ Reduced set-up time

Code	Product	Quantity per box
80199.519	Neonatal PICC Placement kit	20

Universal marking

All Vygon's neonatal PICCs have a standardized centimetric marking:

- Large black marking at the distal tip to confirm the full catheter removal,
- Thin marking every centimetre started at 1 cm,
- Bold marking for each 5 cm



NOTE: The actual cm length is the middle of the marking: the middle black dash for the odd numbers or the space between the middle black dashes for the even numbers.

OBSTETRICS NEONATOLOGY ENTERAL

For further information, please contact: questions@vygon.com

The specifications shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature.

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