



# Enteral Nutrition Safety System with ENFit™

Connecting what belongs together

# ENFit™

The new international standard design for enteral application systems

B. Braun has a long experience in providing innovative solutions for clinical nutrition. As a leader in safe infusion therapy, B. Braun is continuously making efforts to improve safety in clinical nutrition application. Our comprehensive portfolio offers optimized support for the nutrition therapy, including both enteral and parenteral applications, while minimizing the risk of misconnections between enteral and parenteral routes.

With the introduction of the ENPlus connector at the nutrition end of application sets (ISO 18250), B. Braun has made an important step to improve safety of enteral and parenteral applications.

**ENFit™ – Enhancing Patient Safety for Enteral Nutrition**  
To enhance patient safety, B. Braun has been collaborating with the Global Enteral Device Supplier Association (GEDSA) to support the introduction and adoption of a new ISO standard for small-bore connectors: ENFit™.

The new ENFit™ standard design for enteral application systems is defined in the ISO 80369-3 series, establishing ENFit™ as the new international standard design for enteral patient-access connections.



The ENFit™ connector system is specifically designed for enteral nutrition administration devices at the patient end, promoting enhanced patient safety and preventing unintentional connections between enteral and intravenous systems. The female ENFit™ connector at the patient-end of the administration set will only connect to the male patient-access feeding tube port. Enteral syringes with a female ENFit™ connector will only fit to second access stopcocks on application sets or feeding tubes with a male ENFit™ connector.

Whereas the new ENFit™ standard connectors will replace the existing enteral connectors at the patient end of enteral application sets, the ENPlus connection system will remain the design standard at the nutrition end. B. Braun will provide enteral administration sets featuring both connection systems ENPlus and ENFit™.

## Transition phase – Managing the Conversion

In order to facilitate the conversion of the current connection systems to the new ENFit™ standard, B. Braun will introduce ENFit™ transition administration sets for both gravity and pump applications. All ENFit™ transition administration sets will be equipped with white, pre-attached transition connectors that **ENFit™** allow fitment to the current enteral feeding ports on tubes and syringes.

In addition, B. Braun offers transition connectors to allow fitment to current enteral feeding ports until the conversion to ENFit™ is completed. For more information please contact your local B. Braun representative.

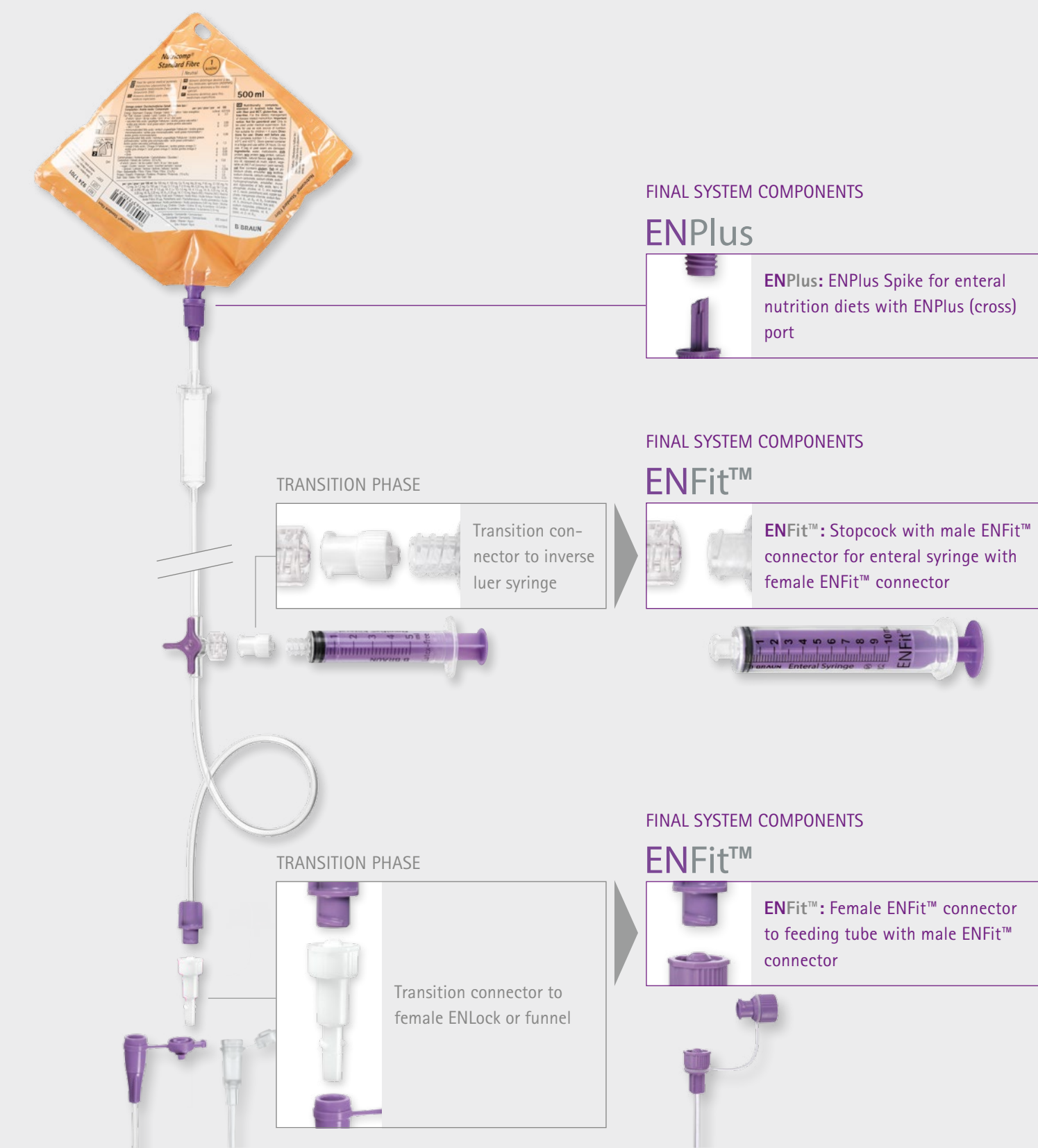


## USER BENEFITS


- Dedicated enteral connectors minimize risk of misconnections
- “Lock and Key” feature ensures secure connection
- Purple color coding allows faster identification of enteral devices
- One system for all major application ways and diet containers

# ENFit™ – Transition Phase


Managing the conversion to the final ENFit™ system




ONE SYSTEM FOR VARIOUS DIET CONTAINERS **ENPlus**




**ENPlus:** ENPlus port in Universal Adapter



**ENPlus:** ENPlus Spike for administration sets




**ENPlus:** ENPlus port in bags




**ENPlus:** ENPlus port in empty bags


COVERING ALL MAJOR APPLICATIONS



Gravity application




Enteral pump  
(Enteroport® plus)




Universal pump  
(Infusomat® Space)


ENSURING A SECURE CONNECTION TO THE PATIENT **ENFit™**



Syringe



**ENFit™:** Stopcock with male **ENFit™** connector for enteral syringe with female **ENFit™** connector



**ENFit™:** Female **ENFit™** connector to feeding tube with male **ENFit™** connector



**ENPlus in Universal Adapter**

- Incompatible with standard IV drug containers and IV sets
- Easy to use "Lock and Key" Concept
- Adapter for crown-cork and wideneck bottles



**ENPlus in bags**

- Incompatible with standard IV drug containers and IV sets
- Easy to use "Lock and Key" Concept



**B. Braun**  
gravity system



**B. Braun**  
Enteroport® plus system

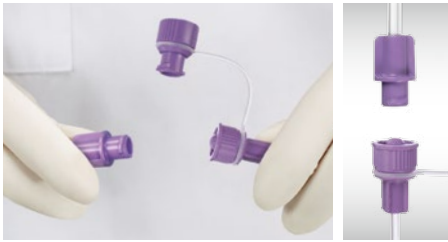


**B. Braun**  
Space system



**Enteral syringe and stopcock with ENFit™**

- For application of enteral nutrition or enteral drugs and flushing
- Only compatible with enteral syringes



**Female and male ENFit™**

- Incompatible with IV connections
- Not compatible with funnel tubes and step connectors
- Female **ENFit™** connector is only connectable to male **ENFit™** connector on the feeding tube

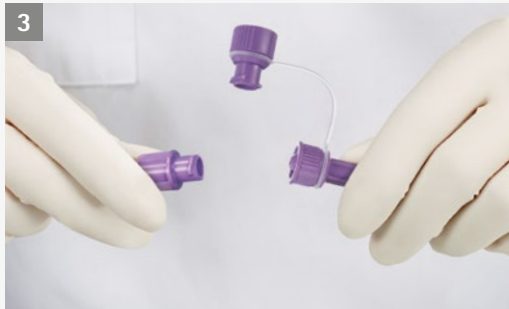
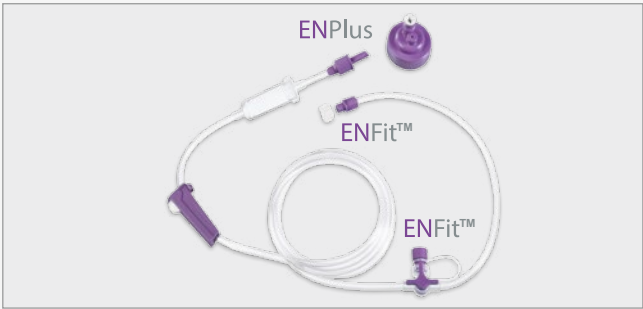


# A Safety System for Different Applications

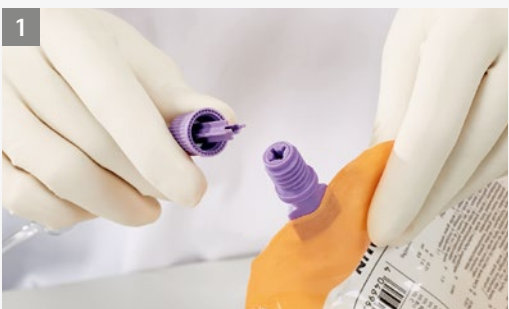
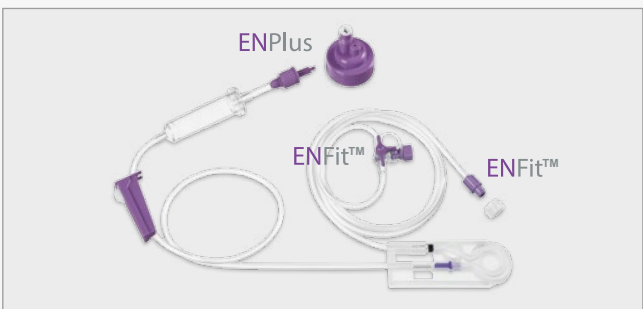
Connecting what belongs together



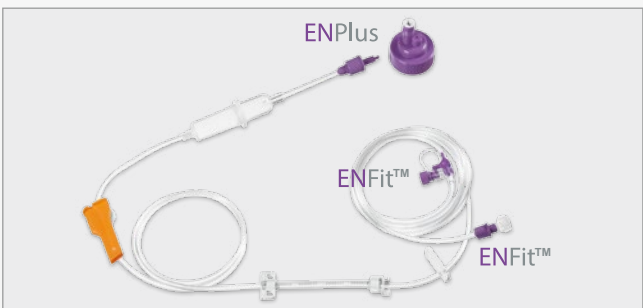
Gravity application



Enteral pump application (Enteroport® plus)



Universal pump application (Infusomat® Space)






Universal pump application (Perfusor® Space)



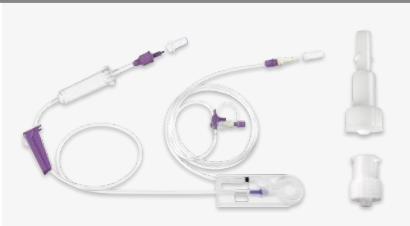


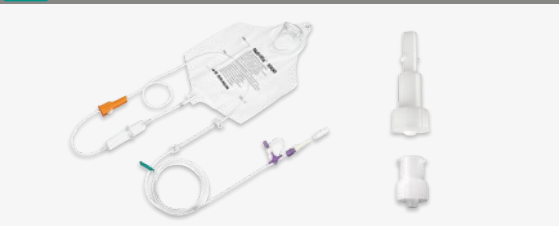


# ENFit™ Application Sets – Transition Phase

## Product specifications

All transition application sets will be delivered with a transition connector at the stopcock which is connectable to enteral syringes with inverse luer connector. The transition connector at the patient end is connectable to female ENLock or funnel connectors.

Nutrifix® application sets		
		
<b>Nutrifix® 1000 ml ENFit™</b> ; Art. no. 9240679	<b>Nutrifix® Universal Adapter ENPlus/ENFit™</b> ; Art. no. 9240623	<b>Nutrifix® ENPlus/ENFit™</b> ; Art. no. 9240625
<ul style="list-style-type: none"><li>With 1000 ml storage bag</li><li>Graduated scale and label for patient data</li><li>Roller clamp and drip chamber</li><li>With transition connectors for: Stopcock with male ENFit™ connector and patient connector with female ENFit™ connector</li></ul>	<ul style="list-style-type: none"><li>ENPlus Port in Universal Adapter (Art. no. 9240623)</li><li>With ENPlus Spike</li><li>Roller clamp and drip chamber</li><li>Connection to all bag systems, crown-cork and wideneck bottles, syringes and empty bags</li><li>With transition connectors for: Stopcock with male ENFit™ connector and patient connector with female ENFit™ connector</li></ul>	

Enteroport® plus application sets		
		
<b>Enteroport® plus Set 1000 ml ENFit™</b> ; Art. no. 8721736	<b>Enteroport® plus Set Universal Adapter ENPlus/ENFit™</b> ; Art. no. 8721746	<b>Enteroport® plus Set ENPlus/ENFit™</b> ; Art. no. 8721748
<ul style="list-style-type: none"><li>With 1000 ml storage bag</li><li>Graduation scale and label for patient data</li><li>Roller clamp and drip chamber</li><li>With transition connectors for: Stopcock with male ENFit™ connector and patient connector with female ENFit™ connector</li></ul>	<ul style="list-style-type: none"><li>ENPlus Port in Universal Adapter (Art. no. 8721746)</li><li>With ENPlus Spike</li><li>Roller clamp and drip chamber</li><li>Connection to all bag systems, crown-cork and wideneck bottles, syringes and empty bags</li><li>With transition connectors for: Stopcock with male ENFit™ connector and patient connector with female ENFit™ connector</li></ul>	

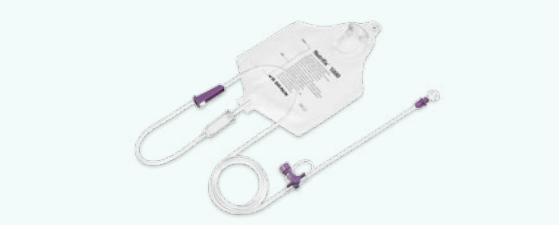


Infusomat® Space Line application sets		
		
<b>Infusomat® Space Line 1000 ml Type Enteral Nutrition ENFit™</b> ; Art. no. 8250831SP	<b>Infusomat® Space Line Universal Adapter Type Enteral Nutrition ENPlus/ENFit™</b> ; Art. no. 8250833SP	<b>Infusomat® Space Line Type Enteral Nutrition ENPlus/ENFit™</b> ; Art. no. 8250835SP
<ul style="list-style-type: none"><li>With 1000 ml storage bag</li><li>Graduation scale and label for patient data</li><li>Roller clamp and drip chamber</li><li>With transition connectors for: Stopcock with male ENFit™ connector and patient connector with female ENFit™ connector</li></ul>	<ul style="list-style-type: none"><li>ENPlus Port in Universal Adapter (Art. no. 8250833SP)</li><li>With ENPlus Spike</li><li>Roller clamp and drip chamber</li><li>Connection to all bag systems, crown-cork and wideneck bottles, syringes and empty bags</li><li>With transition connectors for: Stopcock with male ENFit™ connector and patient connector with female ENFit™ connector</li></ul>	

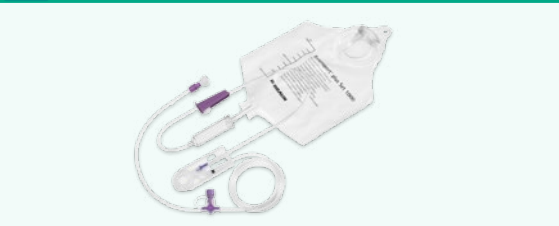

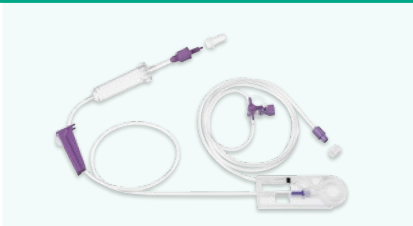
B. Braun offers transition connectors to allow fitment to current enteral feeding ports until the conversion to ENFit™ is completed. For more information please contact your local B. Braun representative.

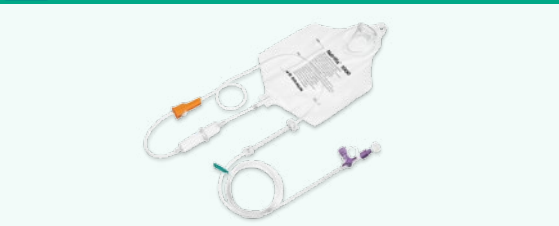

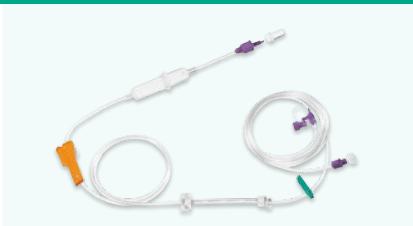
# ENFit™ Application Sets – Final System

## Product specifications

All final application sets will be delivered with ENFit stopcock which is connectable to female ENFit connectors. The ENFit patient connector is connectable to tubes with male ENFit connector.

Nutrifix® application sets		
		
<b>Nutrifix® 1000 ml ENFit™</b> ; Art. no. 9240680	<b>Nutrifix® Universal Adapter ENPlus/ENFit™</b> ; Art. no. 9240624	<b>Nutrifix® ENPlus/ENFit™</b> ; Art. no. 9240626
<ul style="list-style-type: none"><li>With 1000 ml storage bag</li><li>Graduated scale and label for patient data</li><li>Roller clamp and drip chamber</li><li>Stopcock with male ENFit™ connector</li><li>Patient connector with female ENFit™ connector</li></ul>	<ul style="list-style-type: none"><li>ENPlus Port in Universal Adapter (Art. no. 9240624)</li><li>With ENPlus Spike</li><li>Roller clamp and drip chamber</li><li>Stopcock with male ENFit™ connector</li><li>Patient connector with female ENFit™ connector</li><li>Connection to bag systems, crown-cork and wideneck bottles, syringes and empty bags</li></ul>	

Enteroport® plus application sets		
		
<b>Enteroport® plus Set 1000 ml ENFit™</b> ; Art. no. 8721737	<b>Enteroport® plus Set Universal Adapter ENPlus/ENFit™</b> ; Art. no. 8721747	<b>Enteroport® plus Set ENPlus/ENFit™</b> ; Art. no. 8721749
<ul style="list-style-type: none"><li>With 1000 ml storage bag</li><li>Graduated scale and label for patient data</li><li>Roller clamp and drip chamber</li><li>Stopcock with male ENFit™ connector</li><li>Patient connector with female ENFit™ connector</li></ul>	<ul style="list-style-type: none"><li>ENPlus Port in Universal Adapter (Art. no. 8721747)</li><li>With ENPlus Spike</li><li>Roller clamp and drip chamber</li><li>Stopcock with male ENFit™ connector</li><li>Patient connector with female ENFit™ connector</li><li>Connection to bag systems, crown-cork and wideneck bottles, syringes and empty bags</li></ul>	

Infusomat® Space Line application sets		
		
<b>Infusomat® Space Line 1000 ml Type Enteral Nutrition ENFit™</b> ; Art. no. 8250830SP	<b>Infusomat® Space Line Universal Adapter Type Enteral Nutrition ENPlus/ENFit™</b> ; Art. no. 8250832SP	<b>Infusomat® Space Line Type Enteral Nutrition ENPlus/ENFit™</b> ; Art. no. 8250834SP
<ul style="list-style-type: none"><li>With 1000 ml storage bag</li><li>Graduated scale and label for patient data</li><li>Roller clamp and drip chamber</li><li>Stopcock with male ENFit™ connector</li><li>Patient connector with female ENFit™ connector</li></ul>	<ul style="list-style-type: none"><li>ENPlus Port in Universal Adapter (Art. no. 8250832SP)</li><li>With ENPlus Spike</li><li>Roller clamp and drip chamber</li><li>Stopcock with male ENFit™ connector</li><li>Patient connector with female ENFit™ connector</li><li>Connection to bag systems, crown-cork and wideneck bottles, syringes and empty bags</li></ul>	

All transition and final sets are DEHP-free.

## ENFit™ Accessories – Final System

## Product specifications

Universal Adapter with ENPlus port



Universal Adapter with ENPlus port

Art. no. 4495140

- Universal Adapter for diet container
- With ENPlus port



Enteral syringe with female ENFit™ connector



Enteral syringe with female ENFit™ connector

1 ml	Art. no. 4616024-01
2,5 ml	Art. no. 4616025-01
5 ml	Art. no. 4616026-01
10 ml	Art. no. 4616027-01
20 ml	Art. no. 4616028-01
50/60 ml	Art. no. 4616029-01

- Enteral syringe with female ENFit™ connector
- Only connectable to male ENFit™ connector
- Scale from 0.01 ml - 1.0 ml depending on the syringe size
- Clear barrel provides easy view of medication
- Purple plunger for faster identification
- Free of latex, BPA, phthalates (DEHP)


**Perfusor® Space application set**

## Original Perfusor® Line Type Enteral Nutrition

ENFit™; Art. no. 87229910

- Syringe connector with male ENFit™ connector for enteral syringe with female ENFit™
- Patient connector with female ENFit™ connector for tube with male ENFit™
- Length 150 cm, Inner diameter 2.5 mm
- Prime volume 7.4 ml
- DEHP-free

## Enteral Straws and Syringe Cap with ENFit™



**Enteral Straw with ENFit™ – 10 cm; Art. no. 4616009**

**Enteral Straw with ENFit™ – 17 cm; Art. no. 4616013**

- Suitable for enteral syringes with ENFit™ connector
- Easy withdrawal of oral medication and enteral nutrition

Enteral Syringe Cap with ENFit™; Art. no. 4616020

- Seals enteral syringes with ENFit™ connector
- For easier storage and transportation of syringes
- Avoids leakage and wasting

## Notes

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**GEDSA** – The Global Enteral Device Supplier Association (GEDSA) is an international group of clinicians, regulatory and technical experts, as well as suppliers that has been formed to establish international standards and requirements for medical device tubing connectors (ISO 80369-1). With the Stay Connected initiative, GEDSA and leading experts are guiding the transition to ENFit™ connectors (see for further information [www.stayconnected.org](http://www.stayconnected.org)).

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