

BD Pressure Rated Extension Sets**Sterile, Single-use****PA-XXX / PA-XXX-G / PA-XXX-GC**

BD Switzerland Sàrl
Terre Bonne Park – A4
Route de Crassier 17
1262 Eysins, Switzerland

bd.com

TDS number: V201-115 – Rev. 01
2023-October

1. General Information**1.1 Intended use****1.1.1 Intended purpose**

The BD Pressure Rated Extension Sets are sterile, single use devices intended to be attached to the IV line or catheter to lengthen and/or provide additional IV access ports. Pressure Rated Extension Sets can be used for direct injection, intermittent infusion, and/or continuous infusion of fluids and/or medications.

1.1.2 Intended User

The BD Pressure Rated Extension Sets are intended to be used by healthcare professionals who are experienced in IV infusion therapy.

1.2 General Medical Devices description

The BD Pressure Rated Extension Sets are used for infusion therapy. The extension sets vary in length, configuration, power injection capability and priming volume.



Figure 1: BD Pressure Rated Extension Sets (PA-XXX & PA-XXX-G)



Figure 2: BD Pressure Rated Extension Sets PA-XXX-GC

| BD Catalog Number | BD Product Description | Tube Length (cm) | Priming Volume (ml) | Pressure (bar) | Tube Inner Diameter (mm) | Tube Outer Diameter (mm) |
|-------------------|-----------------------------------------|------------------|---------------------|----------------|--------------------------|--------------------------|
| PA-50 | MICROBORE EXT.SET 50 CM | 50 | 0.49 | ≤ 40 Bar | 1 | 2.5 |
| PA-100 | MICROBORE PRES.EXT.SET 100 CM | 100 | 0.89 | ≤ 40 Bar | 1 | 2.5 |
| PA-150 | MICROBORE EXT.SET 150 CM | 150 | 1.29 | ≤ 40 Bar | 1 | 2.5 |
| PA-200 | MICROBORE EXT.SET 200 CM | 200 | 1.69 | ≤ 40 Bar | 1 | 2.5 |
| PA-50-G | MICROBORE PRES.EXT.SET 50CM-ROT.L.LOCK | 50 | 0.57 | ≤ 40 Bar | 1 | 2.5 |
| PA-100-G | MICROBORE PRES.EXT.SET 100CM-ROT.L.LOCK | 100 | 0.97 | ≤ 40 Bar | 1 | 2.5 |
| PA-150-G | MICROBORE PRES.EXT.SET 150CM-ROT.L.LOCK | 150 | 1.37 | ≤ 40 Bar | 1 | 2.5 |
| PA-200-G | MICROBORE PRES.EXT.SET 200CM-ROT.L.LOCK | 200 | 1.77 | ≤ 40 Bar | 1 | 2.5 |
| PA-250-G | MICROBORE PRES.EXT.SET 250CM-ROT.L.LOCK | 250 | 2.17 | ≤ 40 Bar | 1 | 2.5 |
| PA-80-GC | PRESSURE EXT. SET 80 CM. W/ CLAMP | 80 | 0.79 | ≤ 40 Bar | 1 | 2.5 |
| PA-150-GC | MICROBORE EXT.SET 150 CM.W/CLAMP,ROT.LL | 150 | 1.37 | ≤ 40 Bar | 1 | 2.5 |
| PA-200-GC | MICROBORE EXT.SET 200 CM.W/CLAMP,ROT.LL | 200 | 1.77 | ≤ 40 Bar | 1 | 2.5 |

Note: Please check BD catalog number availability in your country.

The BD Product Description can slightly differ from the Declaration of Conformity; please always refer to the BD Catalog Number.

Further features:

| BD Catalog Number | BD Product Description | Amber tubing | Spiral tubing | Slide clamps | Roller clamps | Y-sites | Anti-siphon valves |
|-------------------|-----------------------------------------|--------------|---------------|--------------|---------------|---------|--------------------|
| PA-50 | MICROBORE EXT.SET 50 CM | No | No | No | No | No | No |
| PA-100 | MICROBORE PRES.EXT.SET 100 CM | No | No | No | No | No | No |
| PA-150 | MICROBORE EXT.SET 150 CM | No | No | No | No | No | No |
| PA-200 | MICROBORE EXT.SET 200 CM | No | No | No | No | No | No |
| PA-50-G | MICROBORE PRES.EXT.SET 50CM-ROT.L.LOCK | No | No | No | No | No | No |
| PA-100-G | MICROBORE PRES.EXT.SET 100CM-ROT.L.LOCK | No | No | No | No | No | No |
| PA-150-G | MICROBORE PRES.EXT.SET 150CM-ROT.L.LOCK | No | No | No | No | No | No |
| PA-200-G | MICROBORE PRES.EXT.SET 200CM-ROT.L.LOCK | No | No | No | No | No | No |
| PA-250-G | MICROBORE PRES.EXT.SET 250CM-ROT.L.LOCK | No | No | No | No | No | No |
| PA-80-GC | PRESSURE EXT. SET 80 CM. W/ CLAMP | No | No | Yes | No | No | No |
| PA-150-GC | MICROBORE EXT.SET 150 CM.W/CLAMP,ROT.LL | No | No | Yes | No | No | No |
| PA-200-GC | MICROBORE EXT.SET 200 CM.W/CLAMP,ROT.LL | No | No | Yes | No | No | No |

1.3 Certification

| BD Catalog Number | BD Legal Manufacturer and ISO 13485 Certification | CE Certificate Number And Notified Body Brief Name | BD Manufacturing Site (Country of Origin) and ISO 13485 Certification | EC Representative/ CH Representative/ UK Representative (if applicable) |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PA-50 PA-100 PA-150 PA-200 PA-50-G PA-100-G PA-150-G PA-200-G PA-250-G PA-80-GC PA-150-GC PA-200-GC | Address: Sendal S.L., Ctra. Nacional Madrid- Cáceres s/n, 10350 Almaraz, Cáceres, SPAIN ISO 13485 Certificate No.: Q5 064670 0025 | CE certified with TÜV SÜD (0123) Certificate No.: G10 064670 0026 | Address: Sendal S.L., Ctra. Nacional Madrid- Cáceres s/n, 10350 Almaraz, Cáceres, SPAIN Country of Origin: Spain ISO 13485 Certificate No.: Q5 064670 0025 | EC REP: N/A CH REP: BD Switzerland Sàrl Terre Bonne Park – A4 Route de Crassier, 17 1262 Eysins-Switzerland UK REP: Not assigned yet |

1.4 UDI-DI

The UDI-DI is:

| | |
|------------------|------------------------------------|
| PA-50 | Primary DI: 08428820017459 |
| | Package Level 2 DI: 58428820017454 |
| | Package Level 3 DI: None |
| PA-100 | Primary DI: 08428820017435 |
| | Package Level 2 DI: 38428820017436 |
| | Package Level 3 DI: 58428820017430 |
| PA-150 | Primary DI: 08428820017411 |
| | Package Level 2 DI: 58428820017416 |
| | Package Level 3 DI: None |
| PA-200 | Primary DI: 08428820029117 |
| | Package Level 2 DI: 58428820029112 |
| | Package Level 3 DI: None |
| PA-150-G | Primary DI: 08428820034241 |
| | Package Level 2 DI: 38428820034242 |
| | Package Level 3 DI: 58428820034246 |
| PA-200-G | Primary DI: 08428820034265 |
| | Package Level 2 DI: 58428820034260 |
| | Package Level 3 DI: None |
| PA-250-G | Primary DI: 08428820034319 |
| | Package Level 2 DI: 58428820034314 |
| | Package Level 3 DI: None |
| PA-100-G | Primary DI: 08428820034197 |
| | Package Level 2 DI: 58428820034192 |
| | Package Level 3 DI: None |
| PA-50-G | Primary DI: 08428820034364 |
| | Package Level 2 DI: 58428820034369 |
| | Package Level 3 DI: None |
| PA-80-GC | Primary DI: 08428820039871 |
| | Package Level 2 DI: 58428820039876 |
| | Package Level 3 DI: None |
| PA-150-GC | Primary DI: 08428820039284 |
| | Package Level 2 DI: 58428820039289 |
| | Package Level 3 DI: None |
| PA-200-GC | Primary DI: 08428820039291 |
| | Package Level 2 DI: 58428820039296 |
| | Package Level 3 DI: None |

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1.5 Eudamed Registration

- Manufacturer Single Registration Number (SRN): ES-MF-000016981
- EU Authorised Representative Single Registration Number (SRN): N/A

1.6 Person Responsible for Regulatory Compliance

The information about the Person Responsible for Regulatory Compliance (PRRC) can be found on Eudamed website:

<https://ec.europa.eu/tools/eudamed/#/screen/home>

1.7 Materials

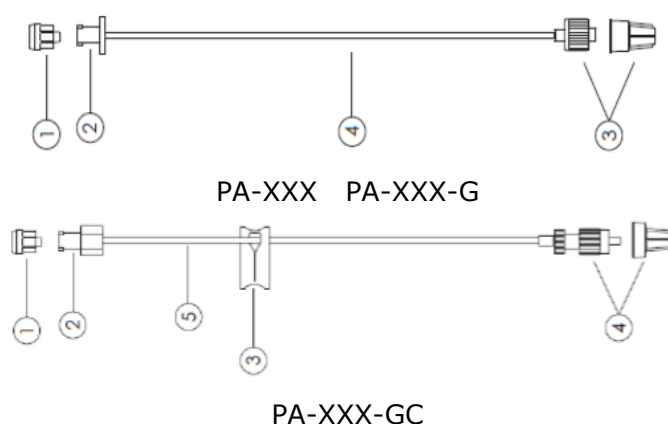


Figure 3: Components of BD Pressure Rated Extension Sets

PA-XXX PA-XXX-G:

| Component | Material |
|------------|------------------------|
| PF0949B | Screwing Cap |
| 559181NDL | Female Luer |
| 3831L/382L | Male Luer Lock and cap |
| TNDG25XXX | Tubing 1 x 2.5 x XXXX* |

*XXXX= Length of the tubing, in mm

PA-XXX-GC:

| Component | Material |
|-------------|---------------------------------|
| PF0949B | Screwing Cap |
| 559181NDL | Female Luer |
| PF0532 | Slide Clamp |
| 233AL/382AL | Rotating Male Luer Lock and cap |
| TNDG25XXX | Tubing 1 x 2.5 x XXXX* |

*XXXX= Length of the tubing, in mm

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| Joint # | Joining Group 1 | Joining Group 2 |
|---------|---------------------------------------------------------|--------------------------------------|
| 860 | Luer lock female PVC Elcam Microbore external side | Transparent microbore tube (900/75S) |
| 882 | Luer lock male ABS Terlux Elcam Microbore external side | Transparent microbore tube (900/75S) |

1.8 Materials of concern

Materials of concern are chemicals or substances that have been identified as having the potential to cause long term effects on humans or the environment.

| Material | Comment |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| ABS Lustran (Screwing Cap) | *Pending |
| ABS Terlux Polyethylene (Male Luer Lock and cap) | *Pending |
| PVC (Female Luer) | PVC Rigid- LATEX Free- NO BPA- NO ESB RISK- No Phthalates BPB and PCB free |
| PVC (Tubing 1 x 2.5 x XXXX*) | The compound does not contain phthalates as DEHP, DBP, BBP, DINP, DIDP and DNOP. |

1.9 REACH information

Based on BD's ongoing data collection efforts and/or information received from BD's suppliers, BD has not identified any chemicals in the articles and packaging of PA-XXX / PA-XXX-G / PA-XXX-GC references (BD Pressure Rated Extension Sets), in an individual concentration above 0.1% weight by weight (w/w), which have been listed as SVHC and included in the "Candidate List" published by the European Chemical Agency (ECHA) on 27 June 2018 according to Art. 59 (1.10) of the Regulation (EC) N° 1907/2006 (REACH).).

1.10 Biocompatibility

BD Medical products comply with the requirements of the standard for toxicity, pyrogenicity and biocompatibility of medical devices, ISO 10993 series - Biological Evaluation of Medical Devices.

1.11 Sterilization method

Ethylene Oxide Sterilization

1.12 Shelf life and storage conditions

The BD Pressure Rated Extension Sets shelf life has been assessed by stability studies in order to verify the functionality, physico-chemical and microbial properties over time. BD Pressure Rated Extension Sets following references has a shelf life of 47 months.

BD recommends storing in a dry and warm place, not exposed to strong light.

1.13 Standards

As per extract from the Declaration of Conformity (Technical Documentation for BD PRESSURE RATED EXTENSION SETS ALM-STED-03-FRM06) linked to CE certificate number G10 064670 0026:

| Quality Standards | Standard Title |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| EN ISO 13485:2016 EN ISO 13485: 2016/A11:2021 | Medical devices – Quality management systems – Requirements for regulatory purposes |
| Risk Management Standards | |
| EN ISO 14971:2019 EN ISO 14971:2019/A11: 2021 | Medical Device – Application of risk management to medical devices |
| Device Specific Standards | |
| ISO 8536-4:2019 | Infusion equipment for medical use - Part 4: Infusion sets for single use, gravity feed |
| ISO 8536-9:2015 | Infusion equipment for medical use - Part 9: Fluid Lines for single use with pressure infusion equipment |
| ISO 8536-10:2015 | Infusion equipment for medical use - Part 10: Accessories for fluid lines for single use with pressure infusion equipment |
| ISO 8536-11:2015 | Infusion equipment for medical use - Part 11: Infusion filters for single use with pressure infusion equipment |
| ISO 8536-12:2021 | Infusion equipment for medical use - Part 12: Check Valves |
| Biocompatibility Standards | |
| ISO 10993-1:2018 | Biological evaluation of medical devices – Part 1: Evaluation and testing within a risk management process |
| ISO 10993-2:2006 | Biological evaluation of medical devices – Part 2: Animal welfare requirements |
| ISO 10993-4:2017 | Biological evaluation of medical devices – Part 4: Selection of tests for interactions with blood. |
| ISO 10993-5:2009 | Biological evaluation of medical devices – Part 5: Tests for in vitro cytotoxicity |
| ISO 10993-10:2021 | Biological evaluation of medical devices – Part 10: Tests for irritation and delayed-type hypersensitivity |
| ISO 10993-11:2017 | Biological evaluation of medical devices – Part 11: Tests for systemic toxicity |
| EN ISO 10993-12:2021 | Biological evaluation of medical devices – Part 12: Sample preparation and reference materials |
| ISO 10993-17: 2002 | Biological evaluation of medical devices – Part 17: Establishment of allowable limits for leachable |
| ISO 10993-18: 2020 | Biological evaluation of medical devices – Part 18: Chemical Characterization of Materials |
| EN ISO 10993-23:2021 | Biological evaluation of medical devices – Part 23: Test for Irritation |
| EN ISO 15223-1:2021 | Symbols to be used with medical device labels, labeling, and information to be supplied |
| ISO 20417: 2021 | Information Supplied by the Manufacturer with the Medical Device |
| ISO 11607-1:2019 | Packaging for terminally sterilized medical devices Part 1: Requirements for materials, sterile barrier systems and packaging systems |
| ISO 11607-2:2019 | Packaging for terminally sterilized medical devices Part 2: Validation requirements for forming, sealing and assembly processes |
| ASTM F1980-07:2011 | Standard Guide for Accelerated Aging of Sterile Barrier Systems for Medical Devices |
| EN ISO 11135:2014, EN ISO 11135:2014/A1:2019 | Validation and Routine Control of Ethylene Oxide Sterilization |
| 556-1:2001 | Sterilization of Medical Devices for terminally sterilized product labeled "sterile" |

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| | |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN ISO 11737-1:2018 EN ISO 11737-1:2018/A1:2021 | Sterilization of medical devices -- Microbiological methods -- Part 1: Determination of a population of microorganisms on products |
| EN ISO 11737-2:2010 | Sterilization of medical devices -- Microbiological methods -- Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process |
| ISO 11138-1:2006 | Sterilization of health care products -- Biological indicators -- Part 1: General requirements |
| ISO 11138-2:2009 | Sterilization of health care products -- Biological indicators -- Part 2: Biological indicators for ethylene oxide sterilization process |
| ISO 10993-7:2008 | Biological evaluation of medical devices -- Part 7: Ethylene oxide sterilization residuals |
| ISO 14155:2011 | Clinical Investigation of Medical Devices |

Note:

The above standards reflect the status at the time of drafting this document. More information or updates are available on request in the Declaration of Conformity.

1.14 Classification

Risk Classification and Rule as per Medical Devices Regulation MDR (EU) 2017/745 of the European Parliament and of the Council: IIa, Rule 2

1.15 Medical Device Nomenclature

According to ALM-STED-03-FRM-02 "Section 1. Device description and specification, including variants and accessories", BD Pressure Rated Extension Sets is referenced as follows:

EMDN code: PA-XXX / PA-XXX-G / PA-XXX-GC

EMDN Term: A03020102

GMDN code: PA-XXX / PA-XXX-G / PA-XXX-GC

GMDN Term: 58977

1.16 Manufacturing practices

The entire manufacturing and testing processes are following the Manufacturing Practices as specified below:

- Incoming raw materials are verified via material inspection and testing and our suppliers are approved via our vendor management system.
- In addition to the automatic on-line inspections, in-process inspections are performed in addition to final product testing to ensure compliance with approved specifications.
- The manufacturing and testing details of each batch of product are recorded on a batch record which is retained in accordance with our document control procedures.
- BD operates a system of internal and external audits to maintain compliance.
- BD confirms that it will continue to adhere to relevant international standards in designing and manufacturing its products.

1.17 Other information

- (Material) Safety Data Sheets are not required for this product.
- Certificate of Food Contact (*Commission Regulation EU 1183/2012 on "plastic materials and articles intended for contact with food" and Directive 2002/72/CE (as amended) "relating to plastic materials and articles intended to come into contact with foodstuffs"*) is not required as BD products are used for general purpose injection and aspiration of fluids from vials, ampoules and parts of the body below the surface of the skin.
- Good Manufacturing Practices as defined by the FDA Pharmaceutical is not applicable for Medical Devices.

2. Packaging

2.1 Packaging configuration

| BD Catalog Number | BD Product Description | Primary Packaging (Qty) | Unit Pack (Qty) | Shipping Case (Qty) | IFU Insert N/A / Yes / No* |
|-------------------|-----------------------------------------|-------------------------|-----------------|---------------------|----------------------------|
| PA-50 | MICROBORE EXT.SET 50 CM | 25 | 8 | 200 | Yes |
| PA-100 | MICROBORE PRES.EXT.SET 100 CM | 25 | 8 | 200 | Yes |
| PA-150 | MICROBORE EXT.SET 150 CM | 25 | 8 | 200 | Yes |
| PA-200 | MICROBORE EXT.SET 200 CM | 25 | 8 | 200 | Yes |
| PA-50-G | MICROBORE PRES.EXT.SET 50CM ROT.L.LOCK | 25 | 8 | 200 | Yes |
| PA-100-G | MICROBORE PRES.EXT.SET 100CM-ROT.L.LOCK | 25 | 8 | 200 | Yes |
| PA-150-G | MICROBORE PRES.EXT.SET 150CM-ROT.L.LOCK | 25 | 8 | 200 | Yes |
| PA-200-G | MICROBORE PRES.EXT.SET 200CM-ROT.L.LOCK | 25 | 8 | 200 | Yes |
| PA-250-G | MICROBORE PRES.EXT.SET 250CM-ROT.L.LOCK | 25 | 8 | 200 | Yes |
| PA-80-GC | PRESSURE EXT. SET 80 CM. W/ CLAMP | 25 | 8 | 200 | Yes |
| PA-150-GC | MICROBORE EXT.SET 150 CM.W/CLAMP,ROT.LL | 25 | 8 | 200 | Yes |
| PA-200-GC | MICROBORE EXT.SET 200 CM.W/CLAMP,ROT.LL | 25 | 8 | 200 | Yes |

*"No": IFU may be available but not as an insert.

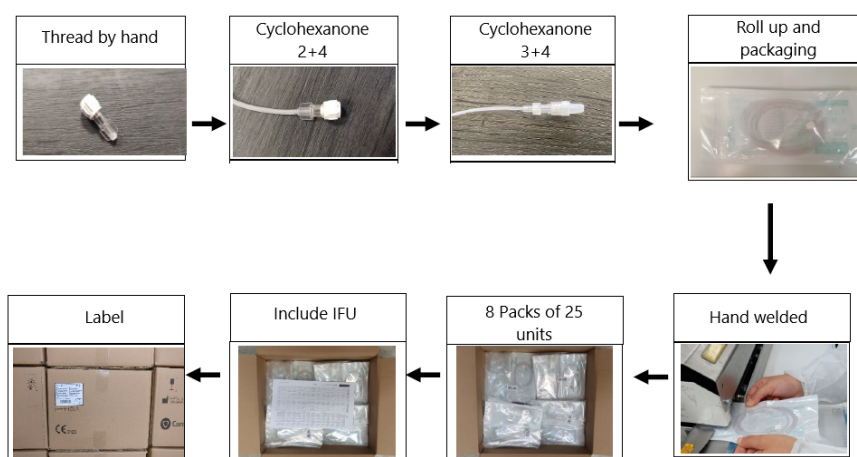


Figure 4: Packaging configuration (example PA-100-G WI)

2.2 Packaging material

| Component | Material |
|-----------------------------------|-----------------------------------|
| Unit Pack | PP Copolymer/ Polyester/ PP/PE/PA |
| Transparent PE pouch for 25 units | PE |
| Shipper box | Carton |
| IFU | Medical grade paper |

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2.3 Examples of labeling

Labels: According to European Medical Device directive, labels are multilingual.

Unitary label extracted from EUP30-ES-ET-401 rev.20220930:




- (en) BD Pressure Rated Extension Sets
- (ar) أنظف الإطالة ذات الضغط القياسي بي دي (BD)
- (bg) BD
- (da) BD trykvurderede forlængersæt
- (de) Druckbeständige Verlängerungssets von BD
- (el) π θ BD μ π
- (es) Equipos de extensión con clasificación de presión BD
- (et) BD määratud rõhutugevusega pikenduskomplektid
- (fi) BD paineluokitellut jatkosarjat
- (fr) Sets d'extension de BD à pression nominale
- (hu) Névleges nyomású BD hosszabbítókészleteket
- (it) Set di estensione a pressione BD
- (nl) BD verlengsets met drukindicaties
- (no) BD-trykklassifiserte forlengessett
- (pl) Zestawy przedłużające BD ciśnieniowe
- (pt) Conjuntos de Extensão Nominal de Pressão BD
- (ro) Seturile de extensie cu presiune nominală BD
- (ru) BD
- (sk) BD predĺžovacie súpravy s menovitým tlakom
- (sl) BD kompleti podaljškov
- (sr) BD ekstenzioni setovi pod pritiskom
- (sv) BD tryckklassade förlängningsuppsättningar
- (tr) BD Basınca Dayanıklı Uzatma Setleri

 Sendal S.L. Ctra. Nacional Madrid-Cáceres s/n 10350 Almaraz, Cáceres SPAIN

For Australia: Becton Dickinson Pty Ltd. 66 Waterloo Road, Macquarie Park, NSW 2113 Australia.

For New Zealand: Becton Dickinson Limited, 14b George Bourke Drive, Mt Wellington, Auckland 1060, New Zealand.

 BD Switzerland Sàrl Terre Bonne Park-A4, Route de Crassier 17 1262 Eysins-Switzerland

 Becton Dickinson AG Binningerstrasse 94, 4123 Allschwil, Switzerland

EUDAMED URL <https://ec.europa.eu/tools/eudamed>

EUP30-ES-ET-401 rev.20220930

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Unitary label extracted from EUP31-ES-ET-401 rev.20220930:



(en) BD Pressure Rated Extension Sets

(ar) أطلق الإطالة ذات الضغط القياسي بي دي (BD)

(bg) BD

(da) BD trykvurderede forlængersæt

(de) Druckbeständige Verlängerungssets von BD

(el) π θ BD μ π

(es) Equipos de extensión con clasificación de presión BD


(et) BD määratud rõhutugevusega pikenduskomplektid

(fi) BD paineluokitellut jatkosarjat

(fr) Sets d'extension de BD à pression nominale

(hu) Névleges nyomású BD hosszabbítókészleteket

(it) Set di estensione a pressione BD

 Sendal S.L. Ctra. Nacional Madrid-Cáceres s/n
10350 Almaraz, Cáceres SPAIN

For Australia: Becton Dickinson Pty Ltd. 66 Waterloo Road,
Macquarie Park, NSW 2113 Australia.
For New Zealand: Becton Dickinson Limited, 14b George
Bourke Drive, Mt Wellington, Auckland 1060, New Zealand.



elfu.bd.com



P

MD

STERILE EO



CE
0123

(nl) BD verlengsets met drukindicaties

(no) BD-trykklassifiserte forlengelsessett

(pl) Zestawy przedłużające BD ciśnieniowe

(pt) Conjuntos de Extensão Nominal de Pressão BD

(ro) Seturile de extensie cu presiune nominală BD

(ru) BD

(sk) BD predĺžovacie súpravy s menovitým tlakom

(sl) BD kompleti podaljškov

(sr) BD ekstenzioni setovi pod pritiskom

(sv) BD tryckklassade förlängningsuppsättningar

(tr) BD Basınca Dayanıklı Uzatma Setleri



BD Switzerland Särl Terre Bonne Park-A4,
Route de Crassier 17 1262 Eysins-Switzerland



Becton Dickinson AG Binningerstrasse 94,
4123 Allschwil, Switzerland

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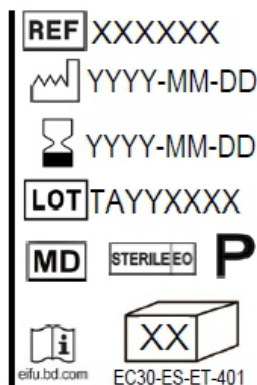
EUP31-ES-ET-401 rev.20220930

Ship box label extracted from EC-30-ES-ET-401:



| | |
|-----------------------------------------------------------|---------------------------------------------------|
| (en) BD Pressure Rated Extension Sets | (nl) BD verlengsets met drukindicaties |
| (ar) أطقم الإطالة ذات الضغط القياسي بي دي (BD) | (no) BD-trykkllassifiserte forlengelsesett |
| (bg) Комплектите BD с устойчиво на налягане удължение | (pl) Zestawy przedłużające BD ciśnieniowe |
| (da) BD trykvurderede forlængersæt | (pt) Conjuntos de Extensão Nominal de Pressão BD |
| (de) Druckbeständige Verlängerungssets von BD | (ro) Seturile de extensie cu presiune nominală BD |
| (el) Τα σετ επέκτασης καθετήρα BD με ένδειξη πίεσης | (ru) Удлинительные линии высокого давления BD |
| (es) Equipos de extensión con clasificación de presión BD | (sk) BD predĺžovacie súpravy s menovitým tlakom |
| (et) BD määratud rõhutugevusega pikenduskomplektid | (sl) BD kompleti podaljškov |
| (fi) BD paineluokitellut jatkosarjat | (sr) BD ekstenzioni setovi pod pritiskom |
| (fr) Sets d'extension de BD à pression nominale | (sv) BD tryckklassade förlängningsuppsättningar |
| (hu) Névleges nyomású BD hosszabbítókészletek | (tr) BD Basınca Dayanıklı Uzatma Setleri |
| (it) Set di estensione a pressione BD | |

EUDAMED URL <https://ec.europa.eu/tools/eudamed>



IFU extracted from EUI-30-ES-ET-401 rev.20220930

en BD Pressure Rated Extension Sets

**Product description:**

BD Pressure Rated Extension Sets are used for infusion therapy. The extension sets vary in length, configuration, power injection capability (≥ 22.5 bar) and priming volume. Some variations contain amber tubing, spiral tubing, slide clamps, roller clamps, Y-sites, 0.2 and 1.2 micron filters, check valves, and anti-siphon valves. The pressure rating is specified on the product label.

Intended purpose:

BD Pressure Rated Extension Sets are sterile, single use devices intended to be attached to the IV line or catheter to lengthen and/or provide additional IV access ports. Pressure Rated Extension Sets can be used for direct injection, intermittent infusion, and/or continuous infusion of fluids and/or medications.

Intended user:

BD Pressure Rated Extension Sets are intended to be used by healthcare professionals who are experienced in IV infusion therapy.

Intended Patient Population:

BD Pressure Rated Extension Sets are intended to be used with all patient populations, with consideration given to the procedure being performed and fluids being infused.

Warnings:

Failure to properly prime the device can result in an air embolism to the patient or occlude IV catheter.

Trace lines before connection. Verify the extension set is being connected to the appropriate intravenous therapy line.

DO NOT REUSE. Intended for Single Use Only. Reuse and/or repackaging may compromise the safety and efficacy of the device, which may lead to device failure, and/or patient injury, infection, or illness.

DO NOT use if package is damaged, opened, or the expiration date has passed. Do not use if package or device contains any foreign material. Examine the package carefully before opening to confirm its integrity.

DO NOT use if extension set is damaged, or has missing components.

DO NOT use if protective caps located over luer lock are not in place.

During use, if the device is damaged or leaks, stop use and replace immediately.

To minimize reflux of blood into the vascular access catheter, clamp after each disconnection.

Disinfect the device prior to each use. Disinfection of the mating device is not complete until the disinfectant is dry. Connecting to access points while disinfectant is still wet can make disconnection difficult.

DO NOT use sharp instruments if there is a difficult disconnection, and replace device.

Precautions:

Follow all instructions, contraindications, warnings, and precautions for all infusates, IV pumps, IV sets, and IV extension sets used with this device, as specified by its manufacturer.

Connection of BD Pressure Rated Extension Sets to non-ISO luers or use of ISO luers with visible defects can cause fluid leakage, damage, and/or failure of the device.

Ensure all connections are secure before each use. Disconnections or loose connections can result in air embolism, fluid loss, and infection due to leakage.

When using the product, avoid over-threading. Excessive threading may damage the integrity of the product.

The BD Pressure Rated Extension Sets can be used for up to 96 hours.

For infusions of lipid emulsions replace every 24 hours.

Do not leave open packages or discarded devices within reach to prevent ingestion of the device or its components. Ingestion of the device or its components may pose a choking hazard.

Follow recognized standards and institution policies on securement of vascular access devices and extension sets to reduce the risk of accidental catheter dislodgment.

Instructions for use:

Directions: Use Aseptic No touch technique (ANTT)

1. Remove set from packaging, close clamps.

2. Remove protective caps from distal end(s).

3. Attach the Extension Set to the primary IV line.

4. Carefully check connections before starting treatment.

5. Open clamps.

6. Prime the set. When priming is complete, close the clamp.

7. Remove protective cap from proximal end.

8. Connect the set to vascular access device.

9. Open the clamp to allow flow. Initiate infusion.

10. If applicable, prior to every access to the Y-site, swab with 70% isopropyl alcohol and allow to dry. Flush Y-site after each use.

11. When the infusion is complete, ensure all clamps are closed, disconnect from vascular access device and dispose.

Notes:

"EU Only: Users should report any serious incident related to the device to the Manufacturer and National Competent Authority".

"To dispose of this device adhere to local and/or other governing regulations for medical device and/or biohazardous waste disposal."

The formulation of the product materials does not contain Latex or DEHP.

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| REVISION | CHANGE SUMMARY |
|----------|------------------|
| 01 | Initial release. |