

# OEM Admixture Product Guide

One Source. More Options™



Products for every step of the admixture process  
from a single source

# Fluid and Container Selection

## DUPLEX® Drug Delivery System

B. Braun's award-winning DUPLEX Drug Delivery System is a customizable, two-compartment flexible plastic IV container that uses breakthrough technology to store drug and diluent separately until the point of use. Patented sealing forms the separate compartments to protect the integrity of fluid and powder. Special oxygen and moisture barrier technologies are employed to safeguard the drug powder throughout the product's shelf life. When the container is properly activated, the seals break sequentially, allowing complete compounding to occur within the closed system.



### Safety for Your Patient

- Prefilled with the accurate drug and diluent doses — diluent cannot be delivered without medication
- Barcode references final admixture to help ensure correct drug
- Components contain no PVC, DEHP or natural rubber latex

### Convenience for You

- Room temperature storage and no messy thawing
- Activated at patient's bedside — no special vials to attach
- 50 mL delivery size, 24 units per case

For more information, contact your B. Braun OEM Division representative at **1-866-8-BBRAUN** or visit **www.bbraunoem.com**

## EXCEL® and PAB® IV Containers

In 1983, B. Braun introduced in the US the PAB Partial Additive Bag, the first bag whose components contain no PVC, DEHP or natural rubber latex; it was followed in 1989 by EXCEL IV container, the first large volume IV bag whose components contain no PVC, DEHP or natural rubber latex.

B. Braun offers a broad range of general purpose IV solutions packaged in 250, 500 and 1000 mL EXCEL IV containers. PAB Partial Additive Bags are packaged with partial fills ranging from 25 to 100 mL. Empty 150 mL PAB Partial Additive Bags are also available.

The complete listing of available IV fluids and additional admixture products, including an extensive offering of syringes, are listed in the B. Braun catalog, which can be viewed online at **www.bbraunoem.com**.



*To find out if a product is available in bulk, non-sterile, contact your B. Braun OEM representative.*

# Reconstitution and Fluid Dispensing

Non-vented, one way valves for inverted bags or semi-rigid plastic containers

Non-vented, two way valves for inverted bags or semi-rigid plastic containers



**412023**  
DPO4000L  
with  
One-Way Valve and  
ULTRASITE® Valve  
Luer Lock Connector



**412022**  
DPO3500L  
with  
One-Way Valve  
Luer Lock Connector



**413500**  
DP3500  
with Two-Way  
SAFSITE® Valve  
Luer Slip Connector



**413501**  
DP3500L  
with Two-Way  
SAFSITE Valve  
Luer Lock Connector



**412027**  
US10  
with Two-Way  
ULTRASITE Valve  
Luer Lock Connector

For aspiration or injection of medication from inverted multi-dose vials. Utilizes a bacterial retentive air-venting filter.

For preparing or dispensing diluent or additives from inverted multi-dose rubber-stoppered vials. Utilizes a bacterial retentive air-venting filter.



**412005**  
DP2500  
with automatic  
two-way  
SAFSITE® Valve  
Luer Slip Connector



**412006**  
DP2500L  
with automatic  
two-way  
SAFSITE Valve  
Luer Lock Connector



**412013**  
DP2000  
Luer Slip  
Connector



**412002**  
DP2001 with  
"D" hole design  
Luer Slip  
Connector



**412021**  
DPO2500L with  
One-Way Valve  
Luer Lock Connector



**412026**  
US50  
For rubber-  
stoppered vials;  
vented.



**413504**  
DP1800SC  
Security clip  
For attachment  
to standard  
20 mm rubber-  
stoppered vials;  
vented.



**412172**  
DP1720SC  
17-20 mm Vial  
access spike; Sterile.



**412720**  
US1720SC  
For attachment  
to standard  
17 mm or  
20 mm rubber-  
stoppered vials;  
non-vented.

Components do not contain DEHP or natural rubber latex.

To find out if a product is available in bulk, non-sterile, contact your B. Braun OEM representative.

# Reconstitution and Fluid Dispensing

## MINI-SPIKE® Dispensing Pins

Components do not contain DEHP or natural rubber latex.



**413503**  
DP4000  
Non-vented  
For withdrawal  
or injection of  
medication from  
multi-dose rubber-  
stoppered vials.  
Luer lock connector.



**412012**  
DP1000  
MINI-SPIKE  
IV Additive  
Dispensing Pin  
For preparing and  
dispensing diluent  
for multi-dose  
rubber-stoppered  
vials. Proximal luer lock  
connector.



**412020**  
DPO1500L  
Vented with  
One-Way valve  
For aspiration of  
medication  
from inverted  
multi-dose vials.  
Luer lock connector.



**412000**  
DP1500  
MINI-SPIKE  
Dispensing Pin  
Utilizes a bacterial  
retentive air-venting  
filter. Luer slip con-  
nector.



**413504**  
DP1000SC  
Vented with  
security clip  
For preparing  
and dispensing  
diluent from  
standard 20 mm  
rubber-stoppered  
vials. Proximal  
luer lock connector.



**415125**  
TR1000  
Transofix™ Transfer Spike  
Double spike for rapid  
transfer of medication  
or diluent between  
rubber-stoppered  
containers.



**8444870**  
MINI-SPIKE® with Green Snap Cap  
For preparing and dispensing diluent  
or additive from multi-dose rubber-  
stoppered vials. Tight-sealing snap  
cap helps protect female luer lock  
connector from touch contamination.  
Integrated 0.45 micron air filter.



**N7995**  
addEASE®  
Binary Connector with  
17 Ga. Needle  
For use with 250 mL  
EXCEL® IV Container.  
Contains BPA.



**BC2000**  
addEASE 20mm  
Binary Connector  
For use with PAB  
Partial Additive Bag.  
Contains BPA.

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# Reconstitution and Fluid Dispensing

All components on this page do not contain DEHP or natural rubber latex.



**415072**  
VN1000L  
Lateral Flow  
Vented Needle  
Specifically designed to  
minimize drug foaming  
during the reconstitution  
process.  
Luer lock connector.



**415070**  
VN1000  
Vented Needle  
For drug  
reconstitution.  
Luer lock  
connector.



**415019**  
MP1000  
MICRO PIN®  
Non-vented, single use  
dispensing pin for  
withdrawal or injection  
of medication from  
rubber-stoppered vials.  
Luer lock connector.



**NF9280**  
SAFELINE®  
Multidose vial adapter  
Split septum for  
multiple access with  
blunt cannula.

Chemo Dispensing Pins are designed to eliminate aerosoling of chemotherapeutic medications during the reconstitution and dispensing process. Assists in USP<797> compliance.



**412014**  
CDP2000  
Chemo Dispensing Pin™  
with distal MINI-SPIKE®  
and built-in 0.2 micron  
hydrophobic air-venting  
filter. Proximal luer lock  
connector.



**412003**  
CDP2000SC  
Chemo Dispensing Pin SC  
with security clip for  
attachment to standard  
20 mm rubber-stoppered  
vials. Built-in 0.2 micron  
hydrophobic air-venting  
filter. Proximal luer lock  
connector.



**412011**  
CDP3005  
Chemo Dispensing Pin  
with distal MINI-SPIKE  
Plus, 0.2 micron air-vent-  
ing filter, 5 micron fluid  
filter and integrated red  
snap-lock cap to protect  
luer lock connector.

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# Fluid Filtration

All devices on this page are DEHP-free and latex-free, utilizes SUPOR® filter membranes; for syringe aspiration or injection applications.



**415002**  
**0.2 micron**  
 PF2000  
 Designed for bacteria retentive filtration of medication; USP <797> compliant for sterilizing pharmaceutical fluids.



**415008**  
**0.5 micron**  
 PF5000  
 With low drug binding membrane; designed for fungal and particulate filtration of medication.



**414995**  
**1.2 micron**  
 PF1200  
 With low drug binding membrane; designed for fungal and particulate filtration of medication.



**412008**  
**Two-Way Standard Spike Dispensing Pin with SAFSITE® Valve and 5 micron disk filter**  
 DP2505  
 For filtered aspiration or injection from suspended multidose vials. Utilizes a bacterial retentive air-venting filter. Luer slip connector.

Filter Needles with 5 micron filter in female luer lock connector.  
 For withdrawal or injection of medication from rubber-stoppered vials.



**415040**  
 FN5019  
 With 19 G x 1 in. thinwall needle



**415041**  
 FN5019HF  
**High Flow Filter Needle**  
 19 G x 7/8 in. with 5 micron filter  
 Recommended for use with viscous medications.



**415030**  
 FN5119  
 With 19 G x 1½ in. thinwall needle



**415035**  
 FN5020  
 With 20 G x 1 in. thinwall needle



**415042**  
 FN5219HF  
**Filter Needle II**  
 Removable 5 micron filter with attached  
 19 G x 1 in. thinwall needle



**415025**  
 FN5120  
 With 20 G x 1½ in. thinwall needle

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# Fluid Filtration



**415020**  
FILTER STRAW®  
5 micron filter with 4 in. flexible straw  
For fluid aspiration from glass ampules.  
Components contain no natural rubber

**415021**  
FILTER STRAW  
5 micron filter with 1¾ in. flexible straw  
For fluid aspiration from glass ampules.  
Components contain no natural rubber



**418021**  
Filter Hub  
FH5000  
5 micron filter in  
male/female luer lock hub  
For use with standard luer  
connections.



**358000**  
FT2000S  
Vented spike with gripping flange,  
0.2 micron SUPOR® filter, on/off clamp,  
distal luer slip connector. Components  
contain no natural rubber latex.  
Length: 35 in. (88.9 cm)



**356055**  
FT5000  
Vented spike with gripping flange, large  
bore tubing, on/off clamp, 5 micron in line  
air-eliminating filter and distal 17 G x 1  
in. needle with gripping flange. For direct  
filtered transfer of fluids between large  
volume parenterals. Components contain  
no natural rubber latex.  
Length: 25 in. (63.5 cm)



**474002**  
FE5009F  
5 micron air-eliminating  
filter with female luer connector,  
male SPIN-LOCK® connector.  
Priming volume: 3.5 mL.  
Length: 10 in. (25.4 cm)

SUPOR is a trademark of the Pall Corporation

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# Direct Fluid Transfer

## MULTI-AD® Fluid Dispensing System

All three products in the MULTI-AD series have a contour grip 10cc luer lock syringe with adjustable automatic spring return and dual check valve. All components do not contain DEHP or natural rubber latex.



**513506**

**MAC10001**

Syringe plus universal spike on 41 in. (104.1 cm) transfer set.



**513501**

**MA100L**

Syringe plus 30 in. (76.2 cm) transfer set with weighted sinker and tubing clip. For use when dispensing fluids from an open container.



**513540**

**MA1040**

Syringe plus 41 inch (104.1 cm) vented transfer set, 40 in. extension set with distal luer lock connector.

## Transfer Devices with Needles All components do not contain DEHP or natural rubber latex.



**415060**

**BC0017**

Backcheck Valve with 17 Ga. x 1 in. Needle – For the injection of multiple additives to an IV bag injection port. Priming Volume: 0.26 mL.



**415017**

**DN1017**

Double-ended Transfer Needle Proximal 17 G x 1 1/4 in. needle opposite 17 G x 3/4 in. needle – Used for fast transfer of medication from rubber-stoppered vial to vacuumized IV container.



**418019**

**IN2019**

Intermittent Injection Port with 19 Ga. x 1 in. Needle – For the addition of multiple additives to the additive port of an IV bag. Priming Volume: 0.24 mL.

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# Direct Fluid Transfer

## Fluid Transfer Sets

### 356052

FT1100

Universal spike, large bore tubing with on/off clamp, distal 17G x 1 in. needle with gripping flange. Used for direct transfer of fluids between large volume parenterals. Components do not contain DEHP or natural rubber latex. Length: 23 in. (58.4 cm).

### 356049

FT1002

Proximal and distal non-vented spikes, large bore tubing, on/off clamp. Components do not contain DEHP or natural rubber latex.

### 513548

MAT4100

Universal spike, on/off clamp, dual check valve. Accepts standard syringe for dispensing IV additives. Components do not contain DEHP or natural rubber latex. Length: 43 in. (109.2 cm)



### 356074

MCA108L

Universal spike, on/off clamp, distal luer lock connector. Components do not contain DEHP or natural rubber latex. Length: 14 in. (35.6 cm)



### 356050

FT1000

Vented proximal spike, large bore tubing, on/off clamp, distal 17G x 1 in. needle with gripping flange. Used for direct transfer of fluids between large volume parenterals. Components do not contain natural rubber latex. Length: 23 in. (58.4 cm)



### 356054

FT1100S

Universal spike, roller clamp, injection site, distal luer slip connector. Components do not contain DEHP or natural rubber latex. Length: 22 in. (56 cm)

### 356043

FT1003

Vented proximal spike, large bore tubing with on/off clamp. Components do not contain DEHP or natural rubber latex. Length: 30 in. (76.2 cm)

### V1905

Universal spike, roller clamp, distal luer slip connector, 17G unattached needle. Components do not contain DEHP or natural rubber latex. Length: 29 in. (73.7 cm)



### 356048

FT1000S

Vented proximal spike, large bore tubing, on/off clamp, distal luer slip connector. Components do not natural rubber latex. Length: 32 in. (81.3 cm)



### 356053

FT1100L

Universal spike, large bore tubing, on/off clamp, distal non-vented spike. Components do not contain DEHP or natural rubber latex. Length: 30 in. (76 cm)



# Direct Fluid Transfer



**415080**  
FDC1000  
Proximal and distal female luer lock connector. Used for pre-filling unit dose syringes from a large master syringe. Components do not contain DEHP or natural rubber latex.



**415081**  
FDC2000  
Proximal female luer lock and distal female luer slip connector. Used for transferring medication from syringe to syringe or between a syringe and a master container with a male luer connector. Components do not contain DEHP or natural rubber latex.



**415125**  
TR1000  
Transofix™ Transfer Spike  
Double spike for rapid transfer of medication or diluent between rubber stoppered containers. Components do not contain DEHP or natural rubber latex.



**N2061**  
Universal Spike Adapter  
Components do not contain DEHP or natural rubber latex.



**418102**  
SA1000S  
Blood Spike Adapter.  
Components do not contain DEHP or natural rubber latex.



**N2050**  
Non-Vented  
Spike Adapter –  
non-vented adapter permits connection of a vented IV spike to a semi-rigid plastic IV container. Components do not contain natural rubber latex.



**418105**  
SA2000  
Vented Spike Adapter –  
to permit connection of non-vented IV spike to IV bottle requiring a vent. Components do not contain natural rubber latex.



**412007**  
DPL2500  
Standard Spike Dispensing Pin with 24 in. Extension Line and SAFSITE® Valve – for aspiration of medication from inverted multi-dose vials. Luer slip connector. Utilizes a bacterial retentive air-venting filter. Components do not contain natural rubber latex.

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# Capping and Securing Medication



**418200**  
SCF130  
Flexible Syringe Cap (white)  
30 per blister, 20 packs per case



**418202**  
SCF230  
Flexible Syringe Cap (blue)  
30 per blister, 20 packs per case



**418203**  
SCF330  
Flexible Syringe Cap (yellow)  
30 per blister, 20 packs per case



**N7820**  
ADD-PRO™  
Syringe Cap  
20 per blister, 25 packs per case



**418010**  
SC1000  
MULTI-AD® Luer Slip Syringe Cap  
For capping luer lock or luer slip syringes.  
10 per blister, 50 packs per case



**418012**  
SC2000  
MULTI-AD Syringe Cap  
Luer lock; 10 per blister  
50 packs per case



**418013**  
SC3000  
MULTI-AD Syringe Cap (blue)  
Luer lock; 10 per blister  
50 packs per case



**315000**  
AC28  
BIG TAB® Additive Cap –  
Extra-large, ribbed finger grip with  
tamper-evident feature fits 28 mm  
bottle tops. Individually packaged;  
sterile. Components do not contain  
DEHP or natural rubber latex.  
100 per case



**418004**  
TEC1000  
Tamper-Evident Syringe Cap –  
used for capping luer lock syringes.  
This syringe cap is tamper-evident,  
which provides improved quality  
control of prepared syringes. Assists  
with USP<797> Compliance for  
issues with Packaging, Handling,  
Transport and Redispensed CSP.  
Components do not contain DEHP  
or natural rubber latex. 50 packs  
per case (color – red).



Unique 10 per blister package protects sterility of unopened caps and aids in capping.

# Your Complete Outsourcing Partner

## Your Source for Admixture Products

Vast in-house capabilities and engineering expertise enable the B. Braun OEM Division to solve some of the industry's toughest design challenges. Our products and kits can be designed, assembled and packaged to your exact specifications. Creative design teams will study your request in depth, then use our years of experience to deliver a practical efficient solution.

To learn more about our kitting capabilities and custom design options, contact your B. Braun OEM Division representative at **1-866-8-BBRAUN** or visit [www.bbraunoem.com](http://www.bbraunoem.com).



[www.bbraunoem.com](http://www.bbraunoem.com)