



# Needles and Syringes Product Catalog

Effective April, 2016

## Contents

Hypodermic Needles 1
Tuberculin and Insulin Syringes
Syringes/Syringes with Needles 3-4
Injekt™ Syringes5

#### NEEDLES AND SYRINGES

#### HYPODERMIC NEEDLES



Unique, highly automated grinding and polishing process and low-friction lubrication is designed to achieve unequalled sharpness and ease of penetration. Transparent hub design provides high visibility to detect flashback.

# Designed for Patient Comfort in a Broad Array of Sizes

- Smooth surface with light silicone coating designed to minimize discomfort
- Color-coded hubs for easy identification
- Wide range of diameters and lengths
- Lengths from 1/2 in. to 43/4 in.
- Gauges from 18G to 27G
- Ultra-sharp, tri-beveled stainless steel designed to result in minimal pain

#### Material:

Stainless steel with plastic (polypropylene) hubs

#### Legend

RB	Regular Bevel Needle
SB	Short bevel Needle

Learn more about B. Braun Needles and Syringes. Visit our website at **www.needlesandsyringesbbraun.com** or contact Clinical and Technical Support at **1-800-854-6851** 

186 x 1 in.4665118-021000186 x 1 1/2 in.4665120-021000186 x 2 in.4665123-021000196 x 1 1/2 in. RB46651799-021000196 x 1 1/2 in. SB4665112-021000196 x 2 in.4665511-021000206 x 1 in.4665510-021000206 x 1 in.4665750-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000216 x 1 in.4657527-021000216 x 1 in.4655752-021000216 x 2 in.466563-021000216 x 2 in.4665645-021000216 x 1 in.4657659-021000226 x 1 in.4657659-021000226 x 1 in.4657659-021000226 x 1 1/4 in.4657667-021000236 x 1 1/4 in.4657675-021000236 x 1 1/4 in.4657675-021000236 x 1 1/4 in.4657675-021000256 x 1 1/2 in.9186168-021000256 x 1 1/2 in.9186178-021000256 x 1 1/2 in.9186178-021000256 x 1 1/2 in.9186178-021000276 x 1 1/2	Description	REF Number	Unit Per cs
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	18G x 1 in.	4665118-02	1000
196 x 1 1/4 in.100 100196 x 1 1/2 in. RB4665317-021000196 x 1 1/2 in. SB4665712-021000196 x 1 1/2 in. SB4665511-021000206 x 1 in.4665511-021000206 x 1 1/2 in.46657519-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000216 x 1 1/2 in.4657543-021000216 x 1 1/2 in.46657527-021000216 x 1 1/2 in.4665763-021000216 x 3 1/a in.4665643-021000216 x 3 1/a in.4665643-021000226 x 1 1/a in.4665643-021000226 x 1 1/a in.4657667-021000226 x 1 1/a in.4657667-021000226 x 2 in.4650018-021000236 x 2 3/a in.4665600-021000236 x 31/a in.4665767-021000236 x 31/a in.46657675-021000236 x 31/a in.46657675-021000256 x 5/a in.9186188-021000256 x 1 1/a in.9186166-021000256 x 1/2 in.4665405-021000256 x 1/2 in.9186166-021000256 x 1/2 in.9186166-021000256 x 1/2 in.9186168-021000256 x 1/2 in.9186168-021000256 x 1/2 in.9186168-021000256 x 1/2 in.9186174-021000 <tr< td=""><td>18G x 1½ in.</td><td>4665120-02</td><td>1000</td></tr<>	18G x 1½ in.	4665120-02	1000
196 x 1 $\frac{1}{2}$ in. RB4657799-021000196 x 1 $\frac{1}{2}$ in. SB4665112-021000196 x 2 in.4665511-021000206 x 1 in.4657500-021000206 x 1 $\frac{1}{2}$ in.4657519-021000206 x 2 in.4667093-021000206 x 2 in.4665791-021000206 x 2 in.4665791-021000216 x 1 in.4657543-021000216 x 1 in.4657543-021000216 x 1 in.465503-021000216 x 3 $\frac{1}{2}$ in.4665603-021000216 x 4 $\frac{3}{4}$ in.4665643-021000226 x 1 in.4657659-021000226 x 1 in.4657624-021000226 x 1 in.465018-021000226 x 1 in.4657667-021000236 x 1 in.4657667-021000236 x 1 in.4657640-021000236 x 1 in.4657640-021000236 x 1 in.4657675-021000236 x 1 in.4657675-021000236 x 1 in.9186158-021000236 x 1 in.9186158-021000256 x 5 $\frac{1}{8}$ in.4657853-021000256 x 1 in.9186166-021000256 x 1 in.9186166-021000256 x 1 in.9186166-021000256 x 1 in.9186166-021000276 x 1 $\frac{1}{2}$ in.4665406-021000276 x 1 $\frac{1}{2}$ in.9186174-021000276 x 1 $\frac{1}{2}$ in.9186174-021000	18G x 2 in.	4667123-02	1000
196 x 1 $\frac{1}{2}$ in. SB4665112-021000196 x 2 in.4665511-021000206 x 1 in.46557500-021000206 x 1 $\frac{1}{2}$ in.4657519-021000206 x 2 in.4667093-021000206 x 2 $\frac{1}{2}$ in.4667791-021000206 x 2 $\frac{1}{2}$ in.4665791-021000216 x 1 in.4657543-021000216 x 1 $\frac{1}{2}$ in.4657527-021000216 x 2 in.4665701-021000216 x 2 in.4665603-021000216 x 3 $\frac{1}{2}$ in.4665643-021000216 x 4 $\frac{3}{4}$ in.4665643-021000226 x 1 $\frac{1}{2}$ in.4665762-021000226 x 1 $\frac{1}{4}$ in.4657624-021000226 x 1 $\frac{1}{4}$ in.4657640-021000226 x 1 $\frac{1}{4}$ in.4657640-021000236 x 1 $\frac{1}{4}$ in.4657640-021000236 x 1 $\frac{1}{4}$ in.4657653-021000236 x 1 $\frac{1}{4}$ in.4657653-021000256 x 1 $\frac{1}{4}$ in.9186158-021000256 x 1 $\frac{1}{4}$ in.9186158-021000256 x 1 $\frac{1}{4}$ in.4657683-021000276 x 1 $\frac{1}{4}$ in.9186174-021	19G x 1¼ in.	4665317-02	1000
196 x 2 in.1000 $196 x 2$ in.4665511-021000 $206 x 1$ in.4657500-021000 $206 x 1$ 1/2 in.4667093-021000 $206 x 2$ in.4667093-021000 $206 x 2$ in.4667093-021000 $206 x 2$ in.4665791-021000 $206 x 2$ in.4665791-021000 $216 x 1$ in.4657543-021000 $216 x 1$ in.4657543-021000 $216 x 1$ in.4657527-021000 $216 x 3$ /8 in.4665603-021000 $216 x 3$ /8 in.4665643-021000 $226 x 1$ in.4657659-021000 $226 x 1$ in.4650018-021000 $226 x 1$ in.4650018-021000 $226 x 1$ in.4657667-021000 $226 x 1$ in.4657640-021000 $236 x 1$ in.4657640-021000 $236 x 1$ in.4657653-021000 $236 x 1$ in.4657675-021000 $236 x 1$ in.4657675-021000 $236 x 1$ in.4657675-021000 $236 x 1$ in.9186158-021000 $256 x 1$ in.9186158-021000 $256 x 1$ in.9186158-021000 $256 x 1$ in.9186166-021000 $256 x 1$ in.9186166-021000 $276 x 1/2$ in.4665406-021000 $276 x 1/2$ in.4665406-021000 $276 x 1/2$ in.9186174-021000 $276 x 1/2$ in.9186174-021000 $276 x 1/2$ in. <td>19G x 1½ in. RB</td> <td>4657799-02</td> <td>1000</td>	19G x 1½ in. RB	4657799-02	1000
$206 \times 1$ in. $4657500-02$ $1000$ $206 \times 1$ $1/2$ in. $4657519-02$ $1000$ $206 \times 2$ in. $4667093-02$ $1000$ $206 \times 2^{34}$ in. $4667093-02$ $1000$ $206 \times 2^{34}$ in. $4665791-02$ $1000$ $216 \times 1$ in. $4657543-02$ $1000$ $216 \times 1$ $1/2$ in. $4657527-02$ $1000$ $216 \times 2$ in. $4665503-02$ $1000$ $216 \times 3/8$ in. $4665545-02$ $1000$ $216 \times 4^{34}$ in. $4665643-02$ $1000$ $226 \times 1$ in. $4657659-02$ $1000$ $226 \times 1$ in. $4657659-02$ $1000$ $226 \times 1$ in. $4657667-02$ $1000$ $226 \times 1$ in. $4657667-02$ $1000$ $226 \times 1$ in. $4657667-02$ $1000$ $236 \times 1$ in. $4657667-02$ $1000$ $236 \times 1$ in. $4657667-02$ $1000$ $236 \times 1$ in. $4657657-02$ $1000$ $236 \times 1$ in. $4657657-02$ $1000$ $236 \times 1$ in. $4657657-02$ $1000$ $236 \times 1$ in. $9186158-02$ $1000$ $256 \times 1$ in. $9186158-02$ $1000$ $256 \times 1$ in. $9186158-02$ $1000$ $256 \times 1$ in. $4657653-02$ $1000$ $256 \times 1$ in. $9186158-02$ $1000$ $276 \times 1/2$ in. $4665406-02$ $1000$ $276 \times 1/2$ in. $9186174-02$ $1000$ $276 \times 1$ in. $9186174-02$ $1000$ $276 \times 1$ in. $9180109-02$ $1000$ $276 \times 1$ in. $9180109-02$ $1000$ <td>19G x 1½ in. SB</td> <td>4665112-02</td> <td>1000</td>	19G x 1½ in. SB	4665112-02	1000
$20G \ge 11/2$ in. $4657519-02$ $1000$ $20G \ge 2$ in. $4667093-02$ $1000$ $20G \ge 2^{34}$ in. $4667093-02$ $1000$ $21G \ge 1^{34}$ in. $4665791-02$ $1000$ $21G \ge 1^{34}$ in. $4657527-02$ $1000$ $21G \ge 1^{14}$ in. $4657527-02$ $1000$ $21G \ge 2$ in. $4665503-02$ $1000$ $21G \ge 3^{16}$ in. $4665465-02$ $1000$ $21G \ge 4^{34}$ in. $4665643-02$ $1000$ $22G \ge 1^{14}$ in. $4657624-02$ $1000$ $22G \ge 1^{14}$ in. $4657624-02$ $1000$ $22G \ge 1^{14}$ in. $4657667-02$ $1000$ $23G \ge 1^{14}$ in. $4657667-02$ $1000$ $23G \ge 1^{16}$ in. $4665600-02$ $1000$ $23G \ge 1^{16}$ in. $4657675-02$ $1000$ $23G \ge 1^{16}$ in. $4657675-02$ $1000$ $23G \ge 1^{16}$ in. $9186166-02$ $1000$ $25G \ge 1^{12}$ in. $9186166-02$ $1000$ $25G \ge 1^{12}$ in. $9186166-02$ $1000$ $25G \ge 1^{12}$ in. $4665406-02$ $1000$ $25G \ge 1^{12}$ in. $9186166-02$ $1000$ $27G \ge 1^{12}$ in. $9186174-02$ $1000$ $27G \ge 1^{12}$ in. $9186174-02$ $1000$ $27G \ge 1^{12}$ in. $9180109-02$ $1000$ $27G \ge 1^{12}$ in. $9180109-02$ $1000$	19G x 2 in.	4665511-02	1000
$20G \times 2 \text{ in.}$ $4667093-02$ $1000$ $20G \times 2^{34}$ in. $4665791-02$ $1000$ $21G \times 1 \text{ in.}$ $4657543-02$ $1000$ $21G \times 1 \text{ iz.}$ $4657527-02$ $1000$ $21G \times 2 \text{ in.}$ $4665503-02$ $1000$ $21G \times 3^{1/8}$ in. $4665645-02$ $1000$ $21G \times 4^{34}$ in. $4665645-02$ $1000$ $22G \times 1^{3/8}$ in. $4665645-02$ $1000$ $22G \times 1^{3/8}$ in. $4657659-02$ $1000$ $22G \times 1^{1/2}$ in. $4657624-02$ $1000$ $22G \times 1^{1/2}$ in. $4650018-02$ $1000$ $22G \times 2$ in. $4650018-02$ $1000$ $23G \times 1$ in. $4657667-02$ $1000$ $23G \times 1^{1/4}$ in. $4657667-02$ $1000$ $23G \times 31/8$ in. $4665635-02$ $1000$ $23G \times 1^{1/4}$ in. $4657675-02$ $1000$ $23G \times 1^{1/4}$ in. $4657675-02$ $1000$ $23G \times 1^{1/4}$ in. $4657675-02$ $1000$ $23G \times 1^{1/4}$ in. $9186158-02$ $1000$ $25G \times 1/4$ in. $9186166-02$ $1000$ $25G \times 1/2$ in. $4665457-02$ $1000$ $25G \times 1/2$ in. $46657683-02$ $1000$ $25G \times 1/2$ in. $4665466-02$ $1000$ $27G \times 1/2$ in. $9186174-02$ $1000$ $27G \times 1/2$ in. $9186182-02$ $1000$ $27G \times 1/2$ in. $9180109-02$ $1000$ $27G \times 1/2$ in. $9180109-02$ $1000$	20G x 1 in.	4657500-02	1000
$20G \ge 2^{3/4}$ in. $4665791-02$ $1000$ $21G \ge 1$ in. $4657543-02$ $1000$ $21G \ge 1$ in. $4657527-02$ $1000$ $21G \ge 2$ in. $4665503-02$ $1000$ $21G \ge 3^{1/6}$ in. $4665465-02$ $1000$ $21G \ge 3^{1/6}$ in. $4665643-02$ $1000$ $21G \ge 4^{3/4}$ in. $4665643-02$ $1000$ $22G \ge 1$ in. $4665643-02$ $1000$ $22G \ge 1$ in. $4657624-02$ $1000$ $22G \ge 1^{1/2}$ in. $4650018-02$ $1000$ $22G \ge 1$ in. $4650018-02$ $1000$ $22G \ge 1$ in. $4657640-02$ $1000$ $23G \ge 1^{1/4}$ in. $4657640-02$ $1000$ $23G \ge 2^{3/6}$ in. $4665635-02$ $1000$ $23G \ge 3^{1/6}$ in. $4665635-02$ $1000$ $23G \ge 5^{1/6}$ in. $4657675-02$ $1000$ $23G \ge 1/2$ in. $4657675-02$ $1000$ $23G \ge 1/2$ in. $9186158-02$ $1000$ $25G \ge 5/6$ in. $4657853-02$ $1000$ $25G \ge 1/2$ in. $9186166-02$ $1000$ $25G \ge 1/2$ in. $4665457-02$ $1000$ $25G \ge 1/2$ in. $4665406-02$ $1000$ $27G \ge 1/2$ in. $4665406-02$ $1000$ $27G \ge 1/2$ in. $9186174-02$ $1000$ $27G \ge 1/2$ in. $9186182-02$ $1000$ $27G \ge 1/2$ in. $9186182-02$ $1000$ $27G \ge 1/2$ in. $9180109-02$ $1000$ $27G \ge 1/2$ in. $9180109-02$ $1000$	20G x 1½ in.	4657519-02	1000
21G x 1 in.4657543-02100021G x 1 $\frac{1}{2}$ in.4657527-02100021G x 2 in.4665503-02100021G x 3 $\frac{1}{4}$ in.4665465-02100021G x 4 $\frac{3}{4}$ in.4665643-02100022G x 1 in.4665643-02100022G x 1 $\frac{1}{4}$ in.4657624-02100022G x 1 $\frac{1}{2}$ in.4660021-02100022G x 1 $\frac{1}{2}$ in.4660021-02100022G x 1 $\frac{1}{4}$ in.4657667-02100023G x 2 $\frac{1}{4}$ in.4657640-02100023G x 1 $\frac{1}{4}$ in.4657640-02100023G x 1 $\frac{1}{4}$ in.4665635-02100023G x 1 $\frac{1}{4}$ in.4665635-02100023G x 1 $\frac{1}{4}$ in.4665767-02100023G x 1 $\frac{1}{4}$ in.4667663-02100023G x 1 $\frac{1}{4}$ in.4667675-02100023G x 1 $\frac{1}{4}$ in.4657675-02100025G x 1 $\frac{1}{4}$ in.9186158-02100025G x 1 $\frac{1}{4}$ in.9186166-02100025G x 1 $\frac{1}{2}$ in.4665406-02100025G x 1 $\frac{1}{2}$ in.4665406-02100027G x $\frac{1}{2}$ in.9186174-02100027G x 1 $\frac{1}{2}$ in.9186182-02100027G x 1 $\frac{1}{2}$ in.9186199-021000	20G x 2 in.	4667093-02	1000
21G x 11/2 in.4657527-02100021G x 2 in.4665503-02100021G x 31/8 in.4665465-02100021G x 43/4 in.4665643-02100022G x 1 in.4665643-02100022G x 11/4 in.4657624-02100022G x 11/2 in.4660021-02100022G x 2 in.4650018-02100023G x 11/4 in.4657667-02100023G x 11/4 in.4657667-02100023G x 11/4 in.4665600-02100023G x 11/4 in.4665635-02100023G x 11/4 in.4665635-02100025G x 1 in.9186158-02100025G x 1 in.9186158-02100025G x 1 in.9186166-02100026G x 1/2 in.4665406-02100027G x 1/2 in.9186174-02100027G x 1/2 in.9186174-02100027G x 11/2 in.9186174-02100027G x 11/2 in.9186174-02100027G x 11/2 in.9186182-02100027G x 11/2 in.9186182-02100027G x 11/2 in.9186182-02100027G x 11/2 in.9186182-02100027G x 11/2 in.9186174-021000 </td <td>20G x 2<sup>3</sup>/4 in.</td> <td>4665791-02</td> <td>1000</td>	20G x 2 <sup>3</sup> /4 in.	4665791-02	1000
$216 \times 2$ in. $4665503-02$ $1000$ $216 \times 3^{1/6}$ in. $4665465-02$ $1000$ $216 \times 4^{3/4}$ in. $4665643-02$ $1000$ $226 \times 1$ in. $4657659-02$ $1000$ $226 \times 1^{1/4}$ in. $4657624-02$ $1000$ $226 \times 1^{1/2}$ in. $4660021-02$ $1000$ $226 \times 2$ in. $4650018-02$ $1000$ $226 \times 2$ in. $4650018-02$ $1000$ $236 \times 1^{1/4}$ in. $4657667-02$ $1000$ $236 \times 1^{1/4}$ in. $4657640-02$ $1000$ $236 \times 2^{3/6}$ in. $4665635-02$ $1000$ $236 \times 2^{3/6}$ in. $4665635-02$ $1000$ $236 \times 1^{1/4}$ in. $4657675-02$ $1000$ $256 \times 5/_6$ in. $4657853-02$ $1000$ $256 \times 1^{1/2}$ in. $9186166-02$ $1000$ $256 \times 1^{1/2}$ in. $4665467-02$ $1000$ $256 \times 1^{1/2}$ in. $4665406-02$ $1000$ $276 \times 1/_2$ in. $4665705-02$ $1000$ $276 \times 3/_4$ in. $9186174-02$ $1000$ $276 \times 1^{1/2}$ in. $9186174-02$ $1000$ $276 \times 1^{1/2}$ in. $9186182-02$ $1000$ $276 \times 1^{1/2}$ in. $9186174-02$ $1000$ $276 \times 1^{1/2}$ in. $9186190-02$ $1000$ $276 \times 1^{1/2}$ in. $9180109-02$ $1000$	21G x 1 in.	4657543-02	1000
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	21G x 11/2 in.	4657527-02	1000
21G x 4 <sup>3</sup> /4 in.4665643-02100022G x 1 in.4657659-02100022G x 1 <sup>1</sup> /4 in.4657624-02100022G x 1 <sup>1</sup> /2 in.4660021-02100022G x 2 in.4650018-02100023G x 1 in.4657667-02100023G x 1 <sup>1</sup> /4 in.4657667-02100023G x 1 <sup>1</sup> /4 in.4657667-02100023G x 1 <sup>3</sup> /8 in.4665600-02100023G x 3 <sup>1</sup> /8 in.4665635-02100024G x 1 in.4657675-02100025G x 5 <sup>1</sup> /8 in.4657675-02100025G x 1 <sup>1</sup> /2 in.9186158-02100025G x 1 <sup>1</sup> /2 in.9186166-02100026G x 1 <sup>1</sup> /2 in.46657683-02100027G x 3 <sup>1</sup> /4 in.4657705-02100027G x 3 <sup>1</sup> /4 in.9186174-02100027G x 1 <sup>1</sup> /2 in.9180109-021000	21G x 2 in.	4665503-02	1000
$22G \times 1$ in. $4657659-02$ $1000$ $22G \times 1^{1/4}$ in. $4657624-02$ $1000$ $22G \times 1^{1/2}$ in. $4660021-02$ $1000$ $22G \times 2$ in. $4660021-02$ $1000$ $23G \times 1$ in. $4657667-02$ $1000$ $23G \times 1^{1/4}$ in. $4657640-02$ $1000$ $23G \times 2^{3/6}$ in. $4665600-02$ $1000$ $23G \times 3^{1/6}$ in. $4665635-02$ $1000$ $23G \times 3^{1/6}$ in. $4665635-02$ $1000$ $24G \times 1$ in. $4657675-02$ $1000$ $25G \times 5/6$ in. $4657853-02$ $1000$ $25G \times 1^{1/2}$ in. $9186158-02$ $1000$ $25G \times 1^{1/2}$ in. $9186166-02$ $1000$ $26G \times 1^{1/2}$ in. $46657683-02$ $1000$ $27G \times 1/2$ in. $4665406-02$ $1000$ $27G \times 1/2$ in. $9186174-02$ $1000$ $27G \times 11/2$ in. $9186174-02$ $1000$ $27G \times 11/2$ in. $9186182-02$ $1000$ $27G \times 11/2$ in. $9186182-02$ $1000$ $27G \times 11/2$ in. $9186174-02$ $1000$ $27G \times 11/2$ in. $9180109-02$ $1000$	21G x 31⁄8 in.	4665465-02	1000
22G x 1½ in.4657624-02100022G x 1½ in.4660021-02100022G x 2 in.4650018-02100023G x 1 in.4657667-02100023G x 1¼ in.4657640-02100023G x 23/8 in.4665600-02100023G x 31/8 in.4665635-02100024G x 1 in.4657675-02100025G x 5/8 in.4657853-02100025G x 1/2 in.9186158-02100025G x 1/2 in.9186166-02100026G x 1/2 in.4665406-02100027G x ½ in.4665406-02100027G x ½ in.4665406-02100027G x 1/2 in.9186174-02100027G x 1 1n.9186174-02100027G x 1 1/2 in.9186182-02100027G x 1 1/2 in.9186174-02100027G x 1 1/2 in.9186182-02100027G x 1 1/2 in.9186182-02100027G x 5/8 in. Blunt Cannula9180109-021000	21G x 43/4 in.	4665643-02	1000
$22G \times 1\frac{1}{2}$ in. $4660021-02$ $1000$ $22G \times 2$ in. $4650018-02$ $1000$ $23G \times 1$ in. $4657667-02$ $1000$ $23G \times 1\frac{1}{4}$ in. $4657640-02$ $1000$ $23G \times 2^{3}/8$ in. $4665600-02$ $1000$ $23G \times 31/8$ in. $4665635-02$ $1000$ $24G \times 1$ in. $4657675-02$ $1000$ $25G \times 5/8$ in. $4657675-02$ $1000$ $25G \times 1$ in. $9186158-02$ $1000$ $25G \times 1\frac{1}{2}$ in. $9186166-02$ $1000$ $26G \times 1\frac{1}{2}$ in. $4665457-02$ $1000$ $27G \times \frac{1}{2}$ in. $4665406-02$ $1000$ $27G \times \frac{1}{2}$ in. $4665406-02$ $1000$ $27G \times 1\frac{1}{2}$ in. $9186174-02$ $1000$ $27G \times 1\frac{1}{2}$ in. $9186182-02$ $1000$ $27G \times 1\frac{1}{2}$ in. $9186182-02$ $1000$ $27G \times 1\frac{1}{2}$ in. $9186182-02$ $1000$ $27G \times 1\frac{1}{2}$ in. $9180109-02$ $1000$	22G x 1 in.	4657659-02	1000
$22G \ge 2$ in. $4650018-02$ $1000$ $23G \ge 1$ in. $4657667-02$ $1000$ $23G \ge 11/4$ in. $4657640-02$ $1000$ $23G \ge 23/8$ in. $4665600-02$ $1000$ $23G \ge 23/8$ in. $4665635-02$ $1000$ $23G \ge 31/8$ in. $4665635-02$ $1000$ $24G \ge 1$ in. $4657675-02$ $1000$ $25G \ge 5/8$ in. $4657853-02$ $1000$ $25G \ge 11/2$ in. $9186158-02$ $1000$ $25G \ge 11/2$ in. $9186166-02$ $1000$ $26G \ge 1/2$ in. $4665457-02$ $1000$ $27G \ge 1/2$ in. $4665406-02$ $1000$ $27G \ge 1/2$ in. $4665705-02$ $1000$ $27G \ge 1/2$ in. $9186174-02$ $1000$ $27G \ge 11/2$ in. $9180109-02$ $1000$	22G x 1¼ in.	4657624-02	1000
23G x 1 in.4657667-02100023G x 1 <sup>1</sup> /4 in.4657640-02100023G x 2 <sup>3</sup> /8 in.4665600-02100023G x 31/8 in.4665635-02100024G x 1 in.4657675-02100025G x 5/8 in.4657853-02100025G x 1 in.9186158-02100025G x 1/2 in.9186166-02100026G x 1/2 in.9186166-02100026G x 1/2 in.4665457-02100027G x 3/4 in.4657705-02100027G x 1/2 in.9186174-02100027G x 1/2 in.9186182-02100027G x 1/2 in.9186182-02100027G x 1/2 in.9186174-02100027G x 1/2 in.9186182-02100027G x 5/8 in. Blunt Cannula9180109-021000	22G x 1½ in.	4660021-02	1000
23G x 11/4 in.4657640-02100023G x 23/8 in.4665600-02100023G x 31/8 in.4665635-02100024G x 1 in.4657675-02100025G x 5/8 in.4657853-02100025G x 1 in.9186158-02100025G x 1/2 in.9186166-02100026G x 1/2 in.4665457-02100026G x 1/2 in.4665406-02100027G x 1/2 in.4665406-02100027G x 3/4 in.9186174-02100027G x 1/2 in.9186182-02100027G x 1/2 in.9180109-021000	22G x 2 in.	4650018-02	1000
23G x $2^{3/8}$ in.4665600-02100023G x $31/8$ in.4665635-02100024G x 1 in.4657675-02100025G x $5/8$ in.4657853-02100025G x 1 in.9186158-02100025G x 1/2 in.9186166-02100026G x 1/2 in.4665457-02100026G x 1/2 in.4665466-02100027G x 1/2 in.4665406-02100027G x 3/4 in.9186174-02100027G x 1/2 in.9186182-02100027G x 1/2 in.9186182-02100027G x 1/2 in.9186182-02100027G x 1/2 in.9180109-021000	23G x 1 in.	4657667-02	1000
23G x 31/s in.4665635-02100024G x 1 in.4657675-02100025G x 5/s in.4657853-02100025G x 1 in.9186158-02100025G x 11/2 in.9186166-02100026G x 1/2 in.4665457-02100026G x 1/2 in.4665457-02100027G x 1/2 in.4665406-02100027G x 3/4 in.4657705-02100027G x 11/2 in.9186174-02100027G x 11/2 in.9186182-02100027G x 11/2 in.9186182-02100027G x 11/2 in.9186182-02100027G x 5/s in. Blunt Cannula9180109-021000	23G x 1¼ in.	4657640-02	1000
$24G \ge 1$ in. $4657675-02$ $1000$ $25G \ge 5/8$ in. $4657853-02$ $1000$ $25G \ge 1$ in. $9186158-02$ $1000$ $25G \ge 11/2$ in. $9186166-02$ $1000$ $26G \ge 1/2$ in. $4665457-02$ $1000$ $26G \ge 1/2$ in. $4665457-02$ $1000$ $26G \ge 1/2$ in. $4665406-02$ $1000$ $27G \ge 1/2$ in. $4665406-02$ $1000$ $27G \ge 3/4$ in. $4657705-02$ $1000$ $27G \ge 1/2$ in. $9186174-02$ $1000$ $27G \ge 11/2$ in. $9186182-02$ $1000$ $27G \ge 5/8$ in. Blunt Cannula $9180109-02$ $1000$	23G x 23/8 in.	4665600-02	1000
$25G \times 5/8$ in. $4657853-02$ $1000$ $25G \times 1$ in. $9186158-02$ $1000$ $25G \times 1/2$ in. $9186166-02$ $1000$ $26G \times 1/2$ in. $4665457-02$ $1000$ $26G \times 1/2$ in. $4665467-02$ $1000$ $26G \times 1/2$ in. $4665406-02$ $1000$ $27G \times 1/2$ in. $4665406-02$ $1000$ $27G \times 3/4$ in. $4657705-02$ $1000$ $27G \times 1/2$ in. $9186174-02$ $1000$ $27G \times 1/2$ in. $9186182-02$ $1000$ $27G \times 1/2$ in. $9186182-02$ $1000$ $27G \times 5/8$ in. Blunt Cannula $9180109-02$ $1000$	23G x 31/8 in.	4665635-02	1000
$25G \ge 1$ in. $9186158-02$ $1000$ $25G \ge 11/2$ in. $9186166-02$ $1000$ $26G \ge 1/2$ in. $4665457-02$ $1000$ $26G \ge 1$ in. $4665406-02$ $1000$ $27G \ge 1/2$ in. $4665406-02$ $1000$ $27G \ge 3/4$ in. $4657705-02$ $1000$ $27G \ge 1/2$ in. $9186174-02$ $1000$ $27G \ge 11/2$ in. $9186182-02$ $1000$ $27G \ge 5/6$ in. Blunt Cannula $9180109-02$ $1000$	24G x 1 in.	4657675-02	1000
25G x 1 $\frac{1}{2}$ in.9186166-02100026G x 1 $\frac{1}{2}$ in.4665457-02100026G x 1 in.46654683-02100027G x 1 $\frac{1}{2}$ in.4665406-02100027G x 3 $\frac{1}{4}$ in.4657705-02100027G x 1 in.9186174-02100027G x 1 $\frac{1}{2}$ in.9186182-02100027G x 5 $\frac{1}{2}$ in.9180109-021000	25G x 5/8 in.	4657853-02	1000
$26G \times \frac{1}{2}$ in. $4665457-02$ $1000$ $26G \times 1$ in. $4657683-02$ $1000$ $27G \times \frac{1}{2}$ in. $4665406-02$ $1000$ $27G \times \frac{3}{4}$ in. $4657705-02$ $1000$ $27G \times 1$ in. $9186174-02$ $1000$ $27G \times 1\frac{1}{2}$ in. $9186182-02$ $1000$ $21G \times \frac{5}{6}$ in. Blunt Cannula $9180109-02$ $1000$	25G x 1 in.	9186158-02	1000
26G x 1 in. 4657683-02 1000   27G x ½ in. 4665406-02 1000   27G x ¾ in. 4657705-02 1000   27G x ¼ in. 9186174-02 1000   27G x 1½ in. 9186182-02 1000   27G x 1½ in. 9186182-02 1000   21G x 5% in. Blunt Cannula 9180109-02 1000	25G x 1½ in.	9186166-02	1000
27G x ½ in. 4665406-02 1000   27G x ¾ in. 4657705-02 1000   27G x ¼ in. 9186174-02 1000   27G x 1½ in. 9186182-02 1000   27G x 1½ in. 9180109-02 1000	26G x ½ in.	4665457-02	1000
27G x <sup>3</sup> / <sub>4</sub> in. 4657705-02 1000   27G x 1 in. 9186174-02 1000   27G x 1 <sup>1</sup> / <sub>2</sub> in. 9186182-02 1000   21G x 5/ <sub>8</sub> in. Blunt Cannula 9180109-02 1000	26G x 1 in.	4657683-02	1000
27G x 1 in. 9186174-02 1000   27G x 1½ in. 9186182-02 1000   21G x 5% in. Blunt Cannula 9180109-02 1000	27G x ½ in.	4665406-02	1000
27G x 1½ in.9186182-02100021G x 5% in. Blunt Cannula9180109-021000	27G x <sup>3</sup> /4 in.	4657705-02	1000
21G x 5/8 in. Blunt Cannula 9180109-02 1000	27G x 1 in.	9186174-02	1000
	27G x 1½ in.	9186182-02	1000
27G x 1 in. Blunt Cannula 9180117-02 1000	21G x 5/8 in. Blunt Cannula	9180109-02	1000
	27G x 1 in. Blunt Cannula	9180117-02	1000

#### TUBERCULIN SYRINGES

# Designed with smooth, accurate, consistent plunger travel force:

- 25 gauge and 26 gauge with detachable needles
- 30 gauge permanently attached needle version
- Minimal silicone residue
- Positive plunger stop on all sizes
- Available option without needle

#### Material:

- Barrel and plunger rod: Polypropylene
- Plunger tip: Polyisoprene
- Components do not contain DEHP, PVC, or rubber tree latex

Description	REF Number	Unit Per cs
1 mL TB LS	9161406V-02	1800
1 mL TB 25G x % in. DET	9161422-02	1600
1 mL TB 26G x 1/2 in. DET	9161414-02	1600
1 mL TB 30G x 1/2 in. PN	9161502SUS	2400

#### **INSULIN SYRINGES**

#### Advanced, premium comfort needle technology design:

- Positive plunger stop on all sizes
- 0.5 and 1 mL sizes
- 27 gauge and 30 gauge for maximum patient comfort
- Permanently attached, detachable, and without needle configurations
- Smooth, consistent plunger gliding force
- Highly transparent for better visualization

#### Material:

- Barrel and plunger rod: Polypropylene
- Plunger tip: Polyisoprene
- Components do not contain DEHP, PVC, or rubber tree latex

Description	Single or Pack of Ten	REF Number	Unit Per cs
0.5 mL Insulin 30G x 5/16 in. PN	Single Pack	9151117SUS	2400
0.5 mL Insulin 30G x 1/2 in. PN	Single Pack	9151125SUS	2400
1 mL Insulin 30G x 5/16 in. PN	Single Pack	9151133SUS	2400
1 mL Insulin 30G x ½ in. PN	Single Pack	9151141SUS	2400
1mL Insulin 27G x ½ in. DET	Single Pack	9161732VUS	1600
1mL Insulin Syringe	Single Pack	9161708VUS	1800

#### Legend

DET – Detachable Needle LL – Luer Lock

LS – Luer Slip PN – Permanent Needle

Learn more about B. Braun Needles and Syringes. Visit our website at **www.needlesandsyringesbbraun.com** or contact Clinical and Technical Support at **1–800–854–6851** 

#### **NEEDLES AND SYRINGES**

#### SYRINGES/SYRINGES WITH NEEDLES - 1 mL to 5 mL (10 mL to 100 mL on next page)

#### **Designed for Consistent Performance**

- Smooth plunger action and double-seal stopper
- High visibility transparent barrel with bold graduations
- Secure backstop to prevent accidental plunger withdrawal
- Double seal stopper to prevent medication leakage

• Large, stable finger grips

#### Syringe Materials

- Barrel and plunger rod: Polypropylene
- Plunger tip: Polyisoprene
- Components do not contain DEHP, PVC, or rubber tree latex

DEE

	Description	REF Number	Unit Per cs
	3 mL LS	4610302-02	2400
	3 mL LL	4610303-02	2400
Luer slip	3 mL LL 18G x 1 in.	4610304-02	1600
	3 mL LL 18G x 1½ in.	4610305-02	1600
	3 mL LL 20G x 1 in.	4610306-02	1600
М\Ь	3 mL LL 20G x 1½ in.	4610307-02	1600
	3 mL LL 21G x1 in.	4610308-02	1600
<i>J</i>	3 mL LL 21G x 1½ in.	4610309-02	1600
Luer lock	3 mL LL 22G x 1 in.	4610310-02	1600
	3 mL LL 22G x 1½ in.	4610311-02	1600
	3 mL LL 23G x 1 in.	4610312-02	1600
	3 mL LL 23G x 1¼ in.	4610313-02	1600
Eccentric	3 mL LL 25G x 5/8 in.	4610314-02	1600
	3 mL LL 25G x 1 in.	4610315-02	1600
Legend	3 mL LL 27G x ½ in.	4610316-02	1600
LL – Luer Lock	5 mL LS	4610518-02	2000
LS – Luer Slip	5 mL LL	4617053V-02	2000
	5 mL Eccentric	4616057V-02	2000
	5 mL LL 18G x 1½ in.	4610519-02	900
	5 mL LL 20G x 1 in.	4610520-02	900
	5 mL LL 20G x 1½ in.	4610521-02	900
	5 mL LL 21G x 1 in.	4610522-02	900
	5 mL LL 21G x 1½ in.	4610523-02	900
	5 mL LL 22G x 1 in.	4610524-02	900
	5 mL LL 22G x 1¼ in.	4610525-02	900
	5 mL LL 22G x 1½ in.	4610526-02	900
	5 mL LL 23G x 1 in.	4610527-02	900
	5 mL LL 25G x 1½ in.	4610528-02	900
	5 mL LL 27G x 1½ in.	4610529-02	900

#### SYRINGES/SYRINGES WITH NEEDLES - 10 mL to 100 mL (1 mL to 5 mL on previous page)

#### **Designed for Consistent Performance**

- Smooth plunger action and double-seal stopper
- High visibility transparent barrel with bold graduations
- Secure backstop to prevent accidental plunger withdrawal
- Double seal stopper to prevent medication leakage

Luer slip

Luer lock

Eccentric

Catheter

**Legend** LL – Luer Lock LS – Luer Slip

• Large, stable finger grips

#### Syringe Materials:

- Barrel and plunger rod: Polypropylene
- Plunger tip: Polyisoprene
- Components do not contain DEHP, PVC, or rubber tree latex

Description	REF Number	Unit Per cs
10 mL LS	4611030-02	1200
10 mL LL	4617100V-02	1200
10 mL Eccentric	4616103V-02	1200
10 mL LL 18G x 1 in.	4611031-02	900
10 mL LL 18G x 1½ in.	4611033-02	900
10 mL LL 20G x 11/2 in.	4611034-02	900
10 mL LL 21G x1 in.	4611035-02	900
10 mL LL 21G x 11/2 in.	4611036-02	900
10 mL LL 22G x 1 in.	4611037-02	900
10 mL LL 22G x 11/2 in.	4611038-02	900
10 mL LL 23G x 1 in.	4611039-02	900
10 mL LL 25G x 11/2 in.	4611040-02	900
20 mL LS	4612041-02	800
20 mL LL	4617207V-02	800
20 mL Eccentric	4616200V-02	800
20 mL LL 21G x 1 <sup>1</sup> / <sub>2</sub> in.	4612042-02	800
30 mL LS	4613043-02	600
30 mL LL	4617304F-02	600
30 mL Eccentric	4616308F-02	600
50 mL LS	4615044F-02	50
50 mL LL	4617509F-02	50
50 mL Eccentric	4616502F-02	50
50 mL CATHETER	4613503F-02	50
50 mL CATHETER with Luer Adaptor	4613554F-02	50
100 mL CATHETER with Luer Adaptor	4614003F-02	50

#### **INJEKT<sup>™</sup> SYRINGES**

Injekt syringes do not contain rubber tree latex, silicone oil, styrene, or DEHP. Manufactured only from laboratory polypropylene and polyethylene, these unique plastic syringes have a positive safety stop to help prevent accidental spills.

#### Accurate and economical Injekt syringes:

- Ideal for simple injections, vaccinations and more
- Compatible with all needles
- Green plunger for easy recognition of filling volumes
- Smooth, steady operation
- Also available with Sterican® needles for unmatched sharpness and patient comfort

	Description	REF Number	Unit Per cs
	Injekt 1 mL LS Syringe	9166017V-02	1800
	Injekt 1 mL LS with 25G x 5/8 in. Needle	9166033V-02	1800
Luer slip	Injekt 2 mL LL Syringe	4606701V-02	2500
7	Injekt 2 mL LS Syringe	4606027V-02	2500
	Injekt 2 mL LS with 23G x 11/4 in. Needle	4645022V-02	2500
\\	Injekt 5 mL LL Syringe	4606710V-02	2000
	Injekt 5 mL Eccentric Syringe	4606051V-02	2000
Luer lock	Injekt 5 mL Eccentric with 22G x 11/4 in. Needle	4645057V-02	2000
	Injekt 10 mL LL Syringe	4606728V-02	1200
	Injekt 10 mL Eccentric Syringe	4606108V-02	1200
	Injekt 10 mL Eccentric with 21G x 11/2 in. Needle	4645103V-02	1200
Eccentric	Injekt 20 mL LL Syringe	4606736V-02	800
	Injekt 20 mL Eccentric Syringe	4606205V-02	800
<b>Legend</b> LL – Luer Lock LS – Luer Slip	Injekt 20 mL Eccentric with 21G x 11/2 in. Needle		800

#### **INJEKT-F SYRINGE (Low Waste)**

#### Injekt-F syringe tip prevents dead space with minimal residual volume:

- Designed to deliver virtually all costly medication
- Designed to provide accurate dosing to 0.01 mL

Description	Number	Per cs
Injekt-F 1 mL LS Syringe	9166017V	1800
Learn more about R. Braun Needles		

Learn more about B. Braun Needles and Syringes. Visit our website at www.needlesandsyringesbbraun.com or contact Clinical and Technical Support at 1-800-854-6851

**DFF** 

### General Ordering Information and Terms of Sale



Thank you for your interest in B. Braun Medical Inc. ("B. Braun") products. The following provisions set forth the terms and conditions on which B. Braun sells its products.

Terms of Sale: Purchase of any products sold by B. Braun shall be subject to and expressly limited by the terms and conditions contained herein. No changes to, waiver of, or addition to any of these terms and conditions shall be effective unless agreed to in writing and signed by B. Braun. Buyer acknowledges and agrees that these terms and conditions so f any purchase order or other documentation used by Buyer and, except for delivery and billing addresses, and quantities prices and items ordered, any conflicting or additional terms are void and have no effect, but that Buyer may place orders by use of purchase orders and other documentation for its convenience purposes only. Notwithstanding the foregoing, B. Braun reserves the right at any time to amend these terms and conditions, and Buyer shall be deemed to accept such amended terms and conditions by ordering products herein offered after the date of such amendment. Additional special terms and conditions of B. Braun may be applicable with respect to certain products.

**Minimum Order Quantity:** All products must be ordered in full case quantities. Orders received with a value of less than \$250.00 will be subject to a handling charge of \$40.00. Wholesalers and Distributors are subject to a handling charge of \$75.00 for orders less than \$1,000.00.

**Prices:** All pricing quotes must be documented in writing and signed by B. Braun to be valid. Prices quoted, unless otherwise stated, refer to full case quantities. All prices are firm for 30 days from the date quoted. B. Braun reserves the right to change the prices and specifications of its products at any time without notice.

Products purchased from distributors will be at the prices set by those distributors and subject to the terms and conditions of sale of the distributor.

**Tax Information:** Any tax, assessment, duty, custom or other fee of any nature imposed upon the products, their sale, transportation, delivery, use or consumption shall be paid by Buyer in addition to the price quoted or invoiced. If B. Braun is required to prepay any such tax or fee, Buyer will reimburse B. Braun. Buyer must provide B. Braun with a resale/ exemption certificate in order to avoid the withholding of applicable taxes. No refund or adjustment to previously withheld taxes will be made by B. Braun sixty (60) days after the invoice date. Proof of certification should be mailed to: B. Braun Medical Inc., 824 Twelfth Avenue, Bethlehem, PA 18018-0027.

Payment: Payment terms are net 30 days from date of invoice. Credit card payments will not be accepted without prior approval from B. Braun. Buyer's obligation to pay outstanding invoices and all other amounts is absolute and unconditional and is not subject to any abatement, reduction, set-off, defense, counterclaim, interruption, deferment or recoupment for any reason whatsoever. Balances remaining unpaid at due date are subject to a interest charge of 1.5% per month or the highest rate permitted by law, whichever is lower, until paid.

Any discounts, rebates, administrative fees, credits, or other fees due or owed to Buyer will be applied against delinquent balances before payment or reimbursement is made.

Any disputed amounts should be reported immediately and remitted with the undisputed amount by the payment due date. If B. Braun agrees with the billing dispute, B. Braun will credit Buyer the amount of the agreed-upon billing dispute. All billing disputes must be made within six (6) months of the applicable invoice date, or will be deemed to be waived.

B. Braun reserves the right in its sole discretion to require prepayment from any Buyer at any time and may refuse to sell and/or withhold further shipment until all overdue balances are made current. Buyer shall be liable for, and shall reimburse B. Braun for all costs and expenses it may incur in connection with collection of any amounts owed to B. Braun or enforcement of its rights, including without limitation, reasonable attorneys' fees and expenses, court costs, and cost of collection agencies.

Returned Goods Policy: Product returns are subject to the following conditions:

- 1. All returns are subject to the prior authorization of B. Braun, in its discretion. Buyer must notify Customer Support at (800) 227-2862 and complete a Return Request Form. The Return Request Form requires lot numbers, quantities and catalog numbers along with a specific reason for return. Customer Support will either authorize or deny the request for return. Only items appearing on an approved Return document are acceptable for return. Product returns will only be accepted from the original purchaser. Product returns will not be accepted from third party return companies. Unauthorized returns will be destroyed and no credit issued. All authorized returned goods must be shipped freight prepaid to the B. Braun location indicated on the Return document, except B. Braun will pay freight costs for Product shipped-in-error.
- 2. All Products returned within 30 days of delivery are subject to a 25% restocking charge, except for Products shipped-in-error. Products returned after 30 days are considered excess stock and will be eligible for 50% credit. No Products will be accepted for return after 90 days from the date of delivery.

- 3. Subject to paragraph 2 above, credit will be issued at the net purchase price for all authorized returns provided:
  - a. Products have at least one year shelf-life remaining, or products with original expiration dating of eighteen months or less have at least six months shelf-life remaining.
  - b. Proper authorization has been obtained prior to return of products.
  - c. Products are in their original packaging.
  - d. Products are current inventory items.
  - e. The Products have been shipped and billed to Buyer by B. Braun, and Buyer has paid for said Products.
- 4. Certain Products are not eligible for return. These are:
  - a. Products that have deteriorated because of improper storage, handling, abuse or other factors.
  - b. Products that have been opened, partly used or which the labels or seals have been removed or tampered.
  - c. Products that have been involved in a special promotion sale.
  - d. Broken, damaged or opened cases. Resealed cartons are not eligible for return.
  - e. Special products made to Buyer's specification.
  - f. Sets over two (2) years old, flush syringe products, infusion systems devices, related accessories and IV poles.
- Products that are to be returned for repair (e.g., medical device equipment) must be accompanied by an approved Repair Notification.

**Expiration Date:** On dated products, the expiration date is shown as a month and year, e.g., August 2012, 8/12. The date of expiration is the last day of the given month, e.g., August 31, 2012.

Credits for returned goods are conditioned upon B. Braun's inspection and approval of such goods upon their return. If B. Braun determines, in its discretion, that any returned goods are not eligible for return due to any of the reasons provided in paragraph 4 above, Buyer will not receive a credit, even if an Return document was issued. No advance credits will be accepted.

Warranty: With respect to disposable products, B. Braun warrants to the original purchaser that, at time of delivery, each standard product manufactured by B. Braun shall be free of defects in material and workmanship and, when used for the purposes and indications described on the labeling, is fit for the purposes and indications described on the labeling. All warranties for a product shall expire as of product expiration date, or if none, after one (1) year from the date of shipment from B. Braun. B. Braun's warranty hereunder shall not apply if: (i) a product is not used in accordance with its instructions or if it is used for a purpose not indicated on the labeling, (ii) any repairs, alterations or other work has been performed by Buyer or others on such item, other than work performed with B. Braun's authorization and according to its approved procedures; or (iii) the alleged defect is a result of abuse, misuse, improper maintenance, accident or the negligence of any party other than B. Braun. The warranty set forth herein is conditioned upon proper storage, installation, use and maintenance in accordance with applicable written recommendations of B. Braun. The warranty furnished hereunder does not extend to damage to items purchased hereunder resulting in whole or in part from the use of components, accessories, parts or supplies not furnished by B. Braun.

B. Braun's sole obligation shall be to repair or replace, at B. Braun's option, any defective component or item and pay transportation expenses for such replacement. Buyer shall provide labor for the removal of the defective component or item and installation of its replacement at no charge to B. Braun. Buyer shall bear all risk of loss or damage to returned goods while in transit. In the event no defect or breach of warranty is discovered by B. Braun upon receipt of any returned item, the item will be returned to Buyer at Buyer's expense and Buyer will reimburse B. Braun for the transportation charges, labor and associated charges incurred in testing the allegedly defective item.

Except as expressly provided herein, B. Braun makes no representation or warranty of any kind, expressed or implied with respect to any products, parts or services provided by B. Braun including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Products distributed, but not manufactured, by B. Braun are not warranted by B. Braun and Buyer must instead rely on the representations and warranties, if any, provided directly to Buyer by the manufacturer of such product. The sole and exclusive remedy for breach of any warranty is limited to the remedies provided in the paragraph above.

Warranties for infusion system devices are provided in a separate warranty document.

#### Miscellaneous:

- Any required notices shall be given in writing, in the case of B. Braun, at the address set forth below, and in the case of Buyer, at the address designated on Buyer's purchase order or to such other address as either party may substitute by written notice to the other and shall be deemed given upon personal delivery, overnight delivery or three days following deposit in the mail.
- 2. Except as expressly provided herein, no changes or modifications to, or waiver of, any of these terms and conditions shall be valid or binding on either party unless in writing and signed by an authorized representative of each party. B. Braun's failure or delay to exercise or enforce any of its rights hereunder shall not constitute or be deemed to be a waiver of such rights or forfeiture of such rights, and B. Braun may, at its option, from time to time, exercise any of its rights or remedies.
- 3. These Terms bind Buyer and its successors and permitted assigns.
- 4. B. Braun will use its reasonable efforts to fill orders, but B. Braun shall not be liable for nonperformance or delays caused by a shortage of raw materials, manufacturing problems, delivery or labor problems, priorities, acts of regulatory agencies or judicial bodies, discontinuation of a product line, acts of God or third parties, infringement claims, or other causes beyond its reasonable control. Buyer agrees that in such events B. Braun may allocate products among all purchasers as it deems reasonable, without liability.

B. Braun reserves the right from time to time to substitute a product with a product that has the same function as such product, or to delete a product.

5. The products are sold subject to Pennsylvania law. These terms and any dispute or claim relating to these terms or the sale of products ("Claim") shall be governed by and construed under Pennsylvania law, notwithstanding its law of conflicts of law. If any Claim cannot be settled amicably between the parties, such Claim shall be tried by a court and not a jury. Buyer

expressly and unconditionally waives its rights to a jury trial in any such Claim.

- 6. B. Braun shall promptly deliver written notice or verbal, followed by written,
- notice of any recall of Product. Should the recall require Products be removed from the market, B. Braun shall, to the extent reasonably possible and at B. Braun's option, replace any such recalled Products as soon as practicable with comparable Products not subject to such recall or repair any such recalled Products and return them to Buyer.
- 7. Buyer may not change, adulterate, obscure, remove or deface trademarks, tradenames or labels appearing on any Product of B. Braun.
- 8. If the pricing offered by B. Braun to a Buyer constitutes a discount or other reduction in price under Section 1128(b)(3)(a) of the Social Security Act 42 U.S.C. 1320a-7b(b) (3)(a), and C.F.R. § 1001.952(h), Buyer shall disclose the discount or reduction in price to the fullest extent required under any state or federal program that provides cost or charge-based reimbursement to Buyers for products. This act requires, among other things, that Buyer fully and accurately report on any claim or request for payment it submits to Medicare and Medicaid the actual purchase price paid by Buyer for products, net of any discounts, rebates or allowances provided hereunder. Buyer may also be required, upon request, to provide documentation of the discount or other reduction in price to the Secretary of Health and Human Services.
- 9. In all cases, all intellectual property rights in and to, and all technology relating to, the Products supplied to Buyer, their design and all improvements thereto or thereof, whether or not such Product, design or improvement is made pursuant to Buyer's specifications or at Buyer's expense, shall be and remain the exclusive property of B. Braun.
- 10. Any knowledge or information that Buyer may disclose to B. Braun shall not be deemed to be confidential or proprietary information, and shall be acquired by B. Braun free from any restriction.
- 11. B. Braun shall not in any event be liable to buyer for any indirect, incidental, special, punitive or consequential damages (including any damage for lost profits), or otherwise arising out of or in connection with furnishing of products, parts or service hereunder, or the performance, use of, or inability to use any products, parts or service, or otherwise, whether based in contract, warranty, tort, including without limitation, negligence, or any other legal or equitable theory. B. Braun's total liability for any claim or action shall not exceed the purchase price of the products out of which such claim or action arose.
- 12. If any of the products are medical devices, Buyer acknowledges that it is familiar with the Safe Medical Devices Act of 1990 (the "Devices Act") and the reporting obligations imposed on device users thereunder. In this regard, Buyer agrees to notify B. Braun within ten (10) days of the occurrence of any event identified in the Devices Act imposing a reporting obligation on Buyer and/or B. Braun (except for events representing an imminent hazard that require notification to the United States Food and Drug Administration (the "FDA") within seventy-two

hours, in which case, such notice will be delivered to the other party immediately). Buyer shall maintain adequate tracking for the products to enable B. Braun to meet the FDA requirements applicable to the tracking of medical devices.

13. Buyer shall purchase the products for its own use only, and shall not resell the products to any other party. Buyer represents it has examined the products and that they are acceptable and clinically suitable for its intended purposes.

#### Shipping:

- Freight charges will be prepaid when orders are shipped via a transportation mode and carrier selected by B. Braun. Unless otherwise stated in an agreement, shipment of infusion systems devices will be made F.O.B. Origin.
- 2. When expedited delivery, specialized service, or alternate transportation modes are requested, or if requests are inconsistent with efficient distribution practices, an additional charge to cover the premium expense will be added to the invoice. Inside deliveries are subject to additional charges based on current common carrier rates or hourly rates. Palletized deliveries are encouraged.
- Products will be shipped on a scheduled order and delivery basis. Orders shipped outside Buyer's order and delivery schedule may be subject to a handling charge of \$75.00. B. Braun will provide proof of delivery upon request.

Damage or Loss in Transit: Identity of items and extent of damage or loss must be noted on Buyer's copy of delivery document by the agent of the transportation company. If damage is discovered after receipt of shipment, notify the transportation company immediately and request that inspection be made and an inspection report rendered. Buyer must report concealed shortages or damages within palletized shipments to B. Braun Customer Support within 3 business days of delivery or credit will not be allowed. In addition, Buyer must provide B. Braun with a copy of Buyer's claim request accompanied by a delivery receipt or an inspection report upon which the transportation company has properly noted damage or loss, and B. Braun will issue a credit for the loss or damage and file a claim with the carrier. If such information is not received within ten (10) days of delivery, no credit will be issued.

Send copy of carrier freight bill to Customer Support indicating item and quantity damaged or not received. Count and inspect your freight before carrier departs. Damaged merchandise should not

Count and inspect your freight before carrier departs. Damaged merchandise should not be accepted.

Please forward all information to Attn: Customer Support, B. Braun Medical Inc., 901 Marcon Blvd., Allentown, PA 18109. (800) 227-2862.

For Order Placement: B. Braun welcomes orders either by telephone, fax, mail or electronically. For telephone orders, please call (800) 227-2862. Faxed orders should be sent to: (610) 266-6122. For infusion devices, call (800) 627-7867 or fax (610) 266-2429. In Canada, please call (800) 624-2920 or fax (800) 624-2939. Mail orders should be directed to Attn: Customer Support, B. Braun Medical Inc., 901 Marcon Blvd, Allentown, PA 18109.

### Trademarks

#### Trademarks of B. Braun Medical Inc. and its affliliates:

ADD-PRO	Cytoguard	Injekt	SPACE	ULTRABLOCK
Adimea	DoseCom	Physiolyte	SAFEPORT	ULTRAPORT
Apex	DoseGuard	PIC	Ster-ASSIST	ULTRAPORT zer0
AutoCOMPLETE	DoseScan	PinPad	Superset	
B-Smart	EPICAN	QC Tester	Titan XL	
Chemo Dispensing Pin	Flexima	RateGuard	Transofix	
CONTIPLEX	Hyperformer	RED CAP	UniSpike	

#### Registered trademarks of B. Braun Medical Inc. and its affliliates:

addEASE	Diapact	FreAmine HBC	NephrAmine	PINNACLE	STIMUPLEX
ADDitIV	DISCOFIX	H.E.L.P.	Nutrilipid	Plasmat	TrophAmine
BIG TAB	DoseTrac	HepatAmine	Omnican	PLEXUFIX	ULTRASITE
CAPS	Duosol	Horizon NXT	OMNIFIX	ProcalAmine	VISTA
CARESITE	DUPLEX	HESpan	ONGUARD	Prontosan	WHIN
ClearChoice-DCB	E3	Hyperlyte	Outlook	Rate Flow	
Clip Lock	ESPOCAN	Infusomat	PAB	SAFELINE	
Diacap	EXCEL	lsolyte	PENCAN	SAFSITE	
Diacap a Polysulfone	Filterflow	MICRO PIN	Perfusor	Solcart B	
DiaLines	FILTER STRAW	MINI-SPIKE	PERIFIX	SPIN-LOCK	
Dialog+	FreAmine	MULTI-AD	Physiolyte	SPINOCAN	

BodyGuard, CMExpress and BodyComm and ColorVision are registered trademarks of CME America, LLC.

ChloraPrep and SEPP are registered trademarks of CareFusion 2200, Inc.

T-Pak is a registered trademark of Allegiance.

CIV-Flex is a trademark of CIVCO Medical Instruments Company, Inc.

DuraPrep, Steri-Strip and Tegaderm are registered trademarks of 3M.

Medic is a registered trademark of Medisystems Corporation.

Microsoft Access and Windows are registered trademarks of Microsoft Corporation.

Monoject is a registered trademark of Covidien, AG.

NeedleVISE is a registered trademark of Atrion Medical Products, Inc.

OmniPal is a trademark and Patient Pal, Trans-Pal, Versa Pole, and Walk 'N' Roller are registered trademarks of Pryor Products, Inc.

OpSite is a registered trademark of T.J. Smith and Nephew, Ltd.

PeraChek, PERACIDIN and PeraSidual are registered trademarks of Angelini Pharma Inc.

Plastipak, SafetyGlide and Vacutainer are registered trademarks of Becton Dickinson and Co.

SAF-T-POLE is a trademark of American Medical Manufacturing, Inc.

SPROTTE is a registered trademark of Pajunk GmbH.

Statlock is a registered trademark of C.R. Bard, Inc.

Steripick, Locksite, Buttonhole, MasterGuard, FingerShield, SecureClip and Streamline are registered trademarks of NxStage Medical, Inc.

SUPOR is a registered trademark of the Pall Corporation.

Tevadaptor is a registered trademark of Teva Medical Ltd.

Trissel's is a trademark of Lawrence A. Trissel.

Velcro is a registered trademark of Velcro Industries B.V.