

SUPERIOR CONTROL AND ADDED SAFETY FOR YOU.

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BD Autoguard™ Shielded IV Catheters for the Anesthesiologist

Putting You in Control

In the technical and challenging field of anesthesiology, you need the right catheter for the right situation. BD Autoguard™ catheters are designed with you in mind. BD Angiocath™ Autoguard™ shielded IV catheters with FEP polymer, as well as BD Insyte™ Autoguard™ shielded IV catheters, which are made of BD Vialon™ biomaterial, a unique, proprietary biomaterial, were developed especially for vascular access. BD Vialon biomaterial is also more kink resistant than FEP polymer. According to one study, "Kinking was not found in any of the Vialon cannulae after removal."¹

Push-button protection gives you more flexibility with the catheter, providing control of when to activate the safety mechanism. This push-button shielding technology has significantly reduced needlestick injuries to healthcare workers, according to a clinical study.²

The Difference You Can See

BD Instaflash™ needle technology, available in the 20-, 22-, and 24-gauge catheters, is designed to reduce hit-and-miss insertion attempts by immediately confirming vessel entry, enabling you to stay focused on the insertion site. This unique design allows you to see the blood return within the catheter before it reaches the flash chamber.

The Difference You Can Feel

BD's legacy of sharp needles and proprietary catheter tipping process are engineered into BD Autoguard shielded IV catheters. These catheters are designed for a smooth insertion to help you achieve first-stick success. And thanks to the unique properties of BD Vialon catheters, insertions are easier according to multiple clinical investigations conducted over the past ten years.^{1,3,4,5}

The First Choice to Help You Achieve First-Stick Success

To find out how BD Autoguard shielded IV catheters can help you experience the satisfaction that comes from getting a successful stick, contact BD at 1-888-237-2762 or visit www.bd.com/infusion.



¹ Gaukroger PB, Roberts JG, Manners TA. Infusion Thrombophlebitis: A Prospective Comparison of 645 Vialon® and Teflon® Canulae in Anesthetic and Postoperative Use. *Anesthesia and Intensive Care*. August 1988;16(3).
² Mendelson MH, Chen LBY, Finkelstein LE, Bailey E, Kogan G, Mt Sinai Medical Center, New York, NY. Preliminary Evaluation of a Safety IV Catheter (Insyte Autoguard, Becton Dickinson) using the Centers for Disease Control and Prevention (CDC) National Surveillance System for Hospital Healthcare Workers Database. Abstr. *Centers for Disease Control and Prevention - 4th Decennial International Conference on Nosocomial and Healthcare-Associated Infections*. March 2000.
³ Maki D, Ringer M. Risk Factors for Infusion-related Phlebitis with Small Peripheral Venous Catheters. *Annals of Internal Medicine*. 1991;114:845-854.
⁴ Stanley M, Meister E, Fuschuber K. Infiltration During Intravenous Therapy in Nonaesthetized Patients: Comparison of Teflon® and Vialon® Catheters. *Southern Medical Journal*. September 1992;85(9):883-886.
⁵ McKee JM, Shell JA, Warren TA, Campbell VP. Complications of Intravenous Therapy: A Randomized Prospective Study—Vialon vs. Teflon. *Journal of Infusion Nursing*. September 1989;12:288-295.

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BD Insyte™ Autoguard™ Shielded IV Catheter with BD Vialon™ Biomaterial

Catalog # Non-Winged	Catalog # Winged	Gauge	Length	Flow Rate	O.D.	I.D.
381412	381512	24	0.75" (0.7 mm x 19 mm)	20 mL/min	.0260 - .0290	.0190 - .0220
381423	381523	22	1.00" (0.9 mm x 25 mm)	35 mL/min	.0330 - .0360	.0240 - .0270
381433	381533	20	1.00" (1.1 mm x 25 mm)	65 mL/min	.0410 - .0440	.0300 - .0330
381434	381534	20	1.16" (1.1 mm x 30 mm)	60 mL/min	.0410 - .0440	.0300 - .0330
381437	381537	20	1.88" (1.1 mm x 48 mm)	55 mL/min	.0410 - .0440	.0300 - .0330
381444	381544	18	1.16" (1.3 mm x 30 mm)	105 mL/min	.0500 - .0530	.0370 - .0400
381447	381547	18	1.88" (1.3 mm x 48 mm)	95 mL/min	.0500 - .0530	.0370 - .0400
381454	381554	16	1.16" (1.7 mm x 30 mm)	220 mL/min	.0670 - .0700	.0520 - .0550
381457	381557	16	1.77" (1.7 mm x 45 mm)	205 mL/min	.0670 - .0700	.0520 - .0550
381467	N/A	14	1.75" (2.1 mm x 45 mm)	330 mL/min	.0830 - .0860	.0665 - .0705

(Shipping case contains 200 units – 4 boxes of 50.)



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BD Angiocath™ Autoguard™ Shielded IV Catheter with FEP Polymer

Catalog # Non-Winged	Gauge	Length	Flow Rate	O.D.	I.D.
381700	24	0.75" (0.7 mm x 19 mm)	20 mL/min	.0260 - .0290	.0190 - .0220
381701	22	1.00" (0.9 mm x 25 mm)	35 mL/min	.0330 - .0360	.0240 - .0270
381702	20	1.00" (1.1 mm x 25 mm)	65 mL/min	.0410 - .0440	.0300 - .0330
381703	20	1.16" (1.1 mm x 30 mm)	60 mL/min	.0410 - .0440	.0300 - .0330
381704	20	1.88" (1.1 mm x 48 mm)	55 mL/min	.0410 - .0440	.0300 - .0330
381705	18	1.16" (1.3 mm x 30 mm)	105 mL/min	.0500 - .0530	.0370 - .0400
381706	18	1.88" (1.3 mm x 48 mm)	95 mL/min	.0500 - .0530	.0370 - .0400
381707	16	1.16" (1.7 mm x 30 mm)	220 mL/min	.0670 - .0700	.0520 - .0550
381708	16	1.77" (1.7 mm x 45 mm)	205 mL/min	.0670 - .0700	.0520 - .0550
381709	14	1.75" (2.1 mm x 45 mm)	330 mL/min	.0830 - .0860	.0665 - .0705

(Shipping case contains 200 units – 4 boxes of 50.)



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