



























Introcan Safety®

Product overview

Introcan Safety®	Gauge	Catheter length		Catheter ø (mm)	Straight (S) or wing (W)	Flow rate (ml/min)	Units per box	Code no. REF	
		(inch)	(mm)					FEP*	PUR*
	24	5/8	14	0.70	S	26	50	-	4251607-01
	24	3/4	19	0.70	S	22		4252500-01	4251601-01
	24	5/8	14	0.70	W	26		-	4251614-01
	24	3/4	19	0.70	W	22		-	4253523-01
	24	1 1/4	32	0.70	S	17		-	4251623-01
	22	1	25	0.90	S	35		4252519-01	4251628-01
	22	1	25	0.90	W	35		4254511-01	4253540-01
	22	1 3/4	45	0.90	S	26		4252520-01	-
	22	2 1/2	64	0.90	S	24		-	4251622-01
	20	1	25	1.10	S	65		4252543-01	4251652-01
	20	1	25	1.10	W	65		4254546-01	4253574-01
	20	1 1/4	32	1.10	S	60		4252535-01	4251644-01
	20	1 1/4	32	1.10	W	60		4254538-01	4253566-01
	20	1 3/4	45	1.10	S	57		4252527-01	-
	20	2 1/2	64	1.10	S	51		-	4251621-01
	18	1 1/4	32	1.30	S	105		4252560-01	4251687-01
	18	1 1/4	32	1.30	W	105		4254562-01	4253604-01
	18	1 3/4	45	1.30	S	100		4252551-01	4251679-01
	18	1 3/4	45	1.30	W	100		4254554-01	4253590-01
	18	2 1/2	64	1.30	S	85		-	4251620-01
	16	1 1/4	32	1.70	S	215		4252586-01	4251709-01
	16	2	50	1.70	S	210		4252578-01	4251695-01
	16	2	50	1.70	W	210		4254570-01	4253612-01
	14	1 1/4	32	2.20	S	350		4251890-01	-
	14	2	50	2.20	S	345		4252594-01	4251717-01
	14	2	50	2.20	W	345		4254597-01	4253639-01

* Catheter material. All products are PVC-, DEHP- and Latex/Natural Rubber-free

Literature

- Tosini W, Ciotti C, Goyer F, Lolom I, L'Heriteau F, Abiteboul D, et al. Needlestick Injury Rates According to Different Types of Safety-Engineered Devices: Results of a French Multicenter Study. *Infect Control Hosp Epidemiol.* 2010 Apr;31(4): 402-7.
- Suzuki T, Fukuyama H, Nishiyama J, Oda M., Takahashi M. Differences in Penetration Force of Intravenous Catheters: Effect of Grinding Methods on Inner Needles of Intravenous Catheters. *Tokai J Exp Clin Med.* 2004; 29(4): 175-181.
- Moergeli et al. A comparison of first attempt cannulation success of peripheral venous catheter systems with and without wings and injection ports in surgical patients—a randomized trial. *BMC Anesthesiology.* 2022 (88): 1-11.
- Jagger J, Bentley MB. Injuries from vascular access devices: high risk and preventable. Collaborative EPINet Surveillance Group. *Journal of Infusion Nursing.* 1997 Nov-Dec;20(6 Suppl): S33-9.
- Sossai D. et al. Efficacy of safety catheter devices in the prevention of occupational needlestick injuries: applied research in the Liguria Region (Italy). *J Prev Med Hyg.* 2016; 57: E110-E114.
- Maki D.G. Ringer M. Risk Factors for infusion-related Phlebitis with Small Peripheral Venous Catheters: A randomized Controlled Trial. *Ann Intern Med.* 1991 May 15; 114(10): 845-54.
- Cooper D. Whitfield M.D. Newton D. Chiarella J. Machaczek KK. Introduction of a non-ported peripheral intravenous catheter with multi-use blood control septum offers improvements in the overall efficiency of the procedure and is clinically well accepted. *Int. J of Healthcare Techn and Mgmt.* January 2016; 1-20.

Learn more about Introcan Safety®



Download the handling poster:
Introcan Safety® – IV catheter



Download the brochure:
Patient access in infusion therapy

Introcan Safety®

The safety IV catheter with automatic needlestick protection



Introcan Safety®

The safety IV catheter with automatic needlestick protection

Making IV access ...

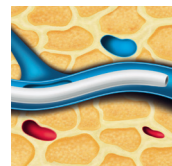
... comfortable for patients

The catheter material assures an easy and smooth catheter advancement for a high patient comfort. Available in PUR (polyurethane) for softer, more comfortable, longer in-dwelling performance⁶ and kink resistance, or FEP with firmer construction for arterial access.



Radiopaque stripes

- Radiopaque stripes for good visibility under X-rays



PUR

- Soft at body temperature
- Proven to have positive impact on indwell time and phlebitis risk⁶



Wings

- Wing design for easy securement



With and without wings

Removable flash plug

- Hydrophobic membrane avoids blood exposure
- Removable flash plug permits attachment of a syringe for aspiration and other special procedures

... convenient for patients

The unique geometry of the universal back cut bevel aids in accessing difficult veins by providing a highly flexible pathway for easy catheter insertion with less tearing.²



Universal back cut bevel

- Wide choice of insertion angles
- Designed for minimal puncture trauma²
- Insertion with less tissue tearing (V-cut)²

... safer for clinicians

Needlestick injuries (NSI) continue to be one of the highest risks clinicians face during their daily routine: 62% of NSI occur after use, during disposal.⁴ Studies show that passive, fully automatic safety devices are most effective in NSI prevention.^{1,5} With B. Braun's Introcan Safety®, clinicians are protected by a truly automatic safety device.



Passive safety shield

- Deploys automatically
- Cannot be bypassed
- Requires no use activation

... easy to use

Designed to enhance usability during intravenous procedures.

Push-off plate

- Facilitates comfortable and one-handed catheter advancement
- Minimizes incidence of catheter hub touch contamination
- Indicates bevel orientation

... more successful

Multiple attempts to establish an IV access can lead to a delay in treatment. The double flashback technology of Introcan Safety® helps to support first stick success³ through quick visual confirmation that both – needle and catheter – are successfully in the vein.⁷



Needle-flash



Catheter-flash

Double flashback technology

- Supports first stick success³
- Needle-flash confirms needle is in the vein
- Catheter-flash confirms catheter placement⁷

Power injectable

Suitable with power injectors set at a maximum pressure of 300 PSI (G18-G24).



Full portfolio

Offering a wide range of gauge sizes (G14-G24) and catheter lengths (19-64 mm).



With wings



Without wings

Easy to use: No extra steps needed to prepare the catheter for insertion.

User benefits:

- Fully automatic passive safety protection
- Easy puncture at wide range of angles
- Minimum effort of insertion
- Double flashback technology to provide a quick visual confirmation of vein puncture