



Surrounding you with safety

PROTECTIV® Safety I.V. Catheter

**JELCO**™

## Needlesticks: The risks are still real, even today

- In 2001, **88%** of nurses responding to a Web-based occupational health survey indicated that the risk of occupational hazards determine whether they will continue to work in nursing and in which clinical area?<sup>2</sup>
- Approximately 500,000 percutaneous exposures to blood occur annually in hospital and non-hospital settings throughout the United States.<sup>1</sup> This is more than **1,300** injuries per day — 57 per hour.
- A survey conducted by the CDC in 1998 among 14,215 healthcare workers in 12 hospitals participating in the NaSH network documented an overall **underreporting** rate of percutaneous injuries of **58%**, with a high of **73%** for surgeons and **52%** for all other healthcare workers.<sup>3</sup>

1. Perry J. Healthcare Worker Blood Exposure Risks: Updating the Statistics. *Adv Exposure Prev.* 2003; 6(3):28-31.
2. American Nurses Association. *Nursing World. Health and Safety Survey*, September 2001, p. 6.
3. Alvarado F, Panlilio A, Cardo D, NaSH Surveillance Group. Percutaneous injury reporting in US hospitals, 1998 [abstract]. *Infect. Control Hosp. Epidemiol.* 2000; 21(2): 106.
4. Stebor AD, Liao J., Juhl SS. A Peripheral Catheter Indwell Study Comparing Phlebitis Rates Between Two Different Catheter Materials, 1995.
5. Russell WJ, Micik S, Ourds S, MacKay H, Wright S. A Prospective Clinical Comparison of Intravenous Polyurethane Cannulae Anesthesia and Intensive Care. 1996; 24:705-709.

## Encased protection that sets the standard

The PROTECTIV® Safety I.V. catheter offers fully encased needle protection with proven safety, efficacy, superior performance and the control you want in a safety I.V. catheter.

## Superior safety and performance

- Patented, formed-in-place gasket designed to minimize blood exposure during venipuncture
- Electropolished V-point needle for best-in-class sharpness
- Encased protection designed to cover the needle throughout use



Unique V-point needle provides ultra-smooth insertions.



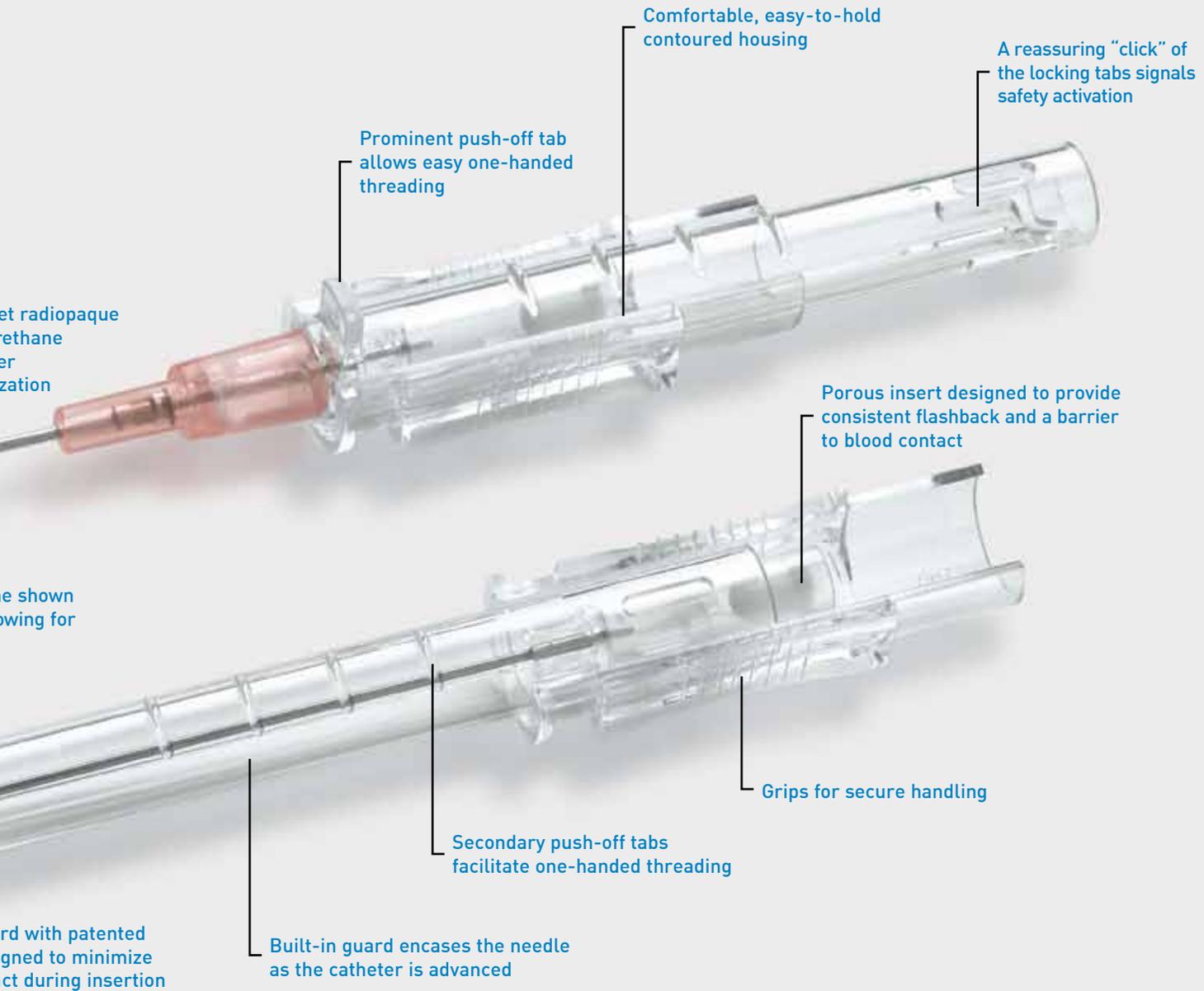
Available with winged hub.

Optically clear, yet OCRILON® polyurethane material for better flashback visualization

OCRILON® polyurethane to reduce phlebitis, allow longer indwelling<sup>4,5</sup>

Needle gasket designed to prevent blood contact

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## Designed to protect with you in control



**1.** Electropolished V-point needle provides ultra smooth insertion.



**2.** Prominent push-off tab allows for easier one-handed threading.



**3.** Unique, patented, formed-in-place gasket is designed to minimize blood exposure.



- Designed to resist accidental activation with you in control
- Safely encases the needle as the catheter is advanced
- Patented needle gasket designed to minimize blood exposure
- Choice of catheter biomaterials — OCRILON® polyurethane and FEP polymer
- Choice of needlepoint and hub design eases your transition to safety



**Encased safety that sets the standard**

Catheter Gauge and Length	PROTECTIV Safety I.V. Catheter (FEP Polymer)	PROTECTIV-W Safety I.V. Catheter (FEP Polymer)	PROTECTIV PLUS Safety I.V. Catheter (OCRILON Polyurethane)	PROTECTIV PLUS-W Safety I.V. Catheter (OCRILON Polyurethane)	Flow Rate ML/Min
14G x 1 1/4"	3048	3078	3068	3088	325
16G x 1 1/4"	3042	3072	3062	3082	215
18G x 1 1/4"	3055	3075	3065	3085	110
20G x 1"	3057	3077	3067	3087	65
20G x 1 1/4"	3056	3076	3066	3086	63
22G x 1"	3050	3070	3060	3080	38
24G x 5/8"		3073		3083	24
24G x 3/4"	3053		3063		24

50 units per box, 4 boxes per case

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

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 Smiths Medical, part of the global technology business Smiths Group

This device is designed to reduce the risk of accidental needlesticks. However, care must still be taken to avoid needlesticks. Please refer to the Instructions for Use supplied with the product for detailed instructions, warnings and cautions. Universal Precautions must be adhered to, in accordance with CDC/OSHA standards for bloodborne pathogens, when starting or maintaining any I.V. catheter, to avoid the risk of exposure to contaminated blood. This device is PVC, DEHP and latex free.

Caution: Federal (USA) law restricts these devices to sale by or on the order of a physician.

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