



# Surshield® Versatus™-W

## Product Information Card



### Description:

Short peripheral intravascular catheter with an introducer needle and integrated sharps protection technology. The 'sharps protection feature' automatically activates upon withdrawal of the introducer needle, without changing techniques.

The catheter is made of three detachable parts (+ a fourth non-detachable part):

- A radio-opaque catheter made of polyurethane connected to a coloured but transparent catheter hub fitted with small jointed wings. Catheter hub and wings are colour coded and refer to the EN ISO 10555-5 standard;
- An internal needle with a female luer base with a cone rising at an angle of 6%, meeting EN 20594-1; transparent and colourless, allowing flashback to be seen, fitted with a removable hydrophobic filter that allows air to escape;
- An opaque luer-lock cap ;
- A safety protector.

The needle and the catheter are coated with medical grade silicone (European Pharmacopoeia). All these parts fit one inside the other, the cannula and the needle are covered by a protector. Does not contain components made of natural rubber latex/PVC.

### Components:

Description	Raw Materials
Cannula of the internal needle	Stainless steel
Catheter tube	Polyurethane + Ba SO <sub>4</sub>
Winged catheter hub	Polypropylene + master batch
Vent fitting filter	Polyethylene
Vent fitting body	Styrene butadiene copolymer
Caulking pin	Polyoxymethylene
Luer lock cap	Polypropylene
Needle hub	Styrene butadiene copolymer
Protector	Polyethylene
Sharps protection feature	Protection housing: Polypropylene Safety fingers: Polysulfone Sliding bush: Polycarbonate + stainless steel cup
Lubricant	Polydimethylsiloxane + aminofunctional polydimethylsiloxane copolymer



### Product Range:

Product Code	Colour	External Catheter Ø		Internal Catheter Ø	Catheter Length	Flow Rate ml/min.
SR+DS2619WX	Purple	26G	0.64 mm	0.45 mm	19 mm	19
SR+DS2419WX	Yellow	24G	0.74 mm	0.45 mm	19 mm	29
SR+DS2225WX	Blue	22G	0.90 mm	0.65 mm	25 mm	42
SR+DS2032WX	Pink	20G	1.00 mm	0.75 mm	32 mm	59
SR+DS1832WX	Green	18G	1.30 mm	0.95 mm	32 mm	103
SR+DS1845WX	Green	18G	1.30 mm	0.95 mm	45 mm	96
SR+DS1745WX	White	17G	1.50 mm	1.15 mm	45 mm	155
SR+DS1645WX	Grey	16G	1.75 mm	1.35 mm	45 mm	225
SR+DS1445WX	Orange	14G	2.00 mm	1.55 mm	45 mm	290

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**Packaging:**                    *Single unit:*                    thermoformed blister pack  
   *Unit box:*                        50 pieces  
   *Shipping carton:*            200 pieces  
   *Dimensions =*                390 x 328 x 180 mm

**Sterilization:**                With ethylene oxide to a Sterility Assurance Level of at least 10<sup>-6</sup>

**Storage:**                        Shelf life of 5 years  
   \* *The batch number and expiry date are printed on the label of each unit*  
   \* *Do not store at extreme temperature and humidity*

**Precautions for Use:**        Check integrity of the unit package before use  
   For single use only  
   Do not re-sterilise  
   Do not attempt to re-insert a partially or completely withdrawn needle  
   Dispose of safely after single use to avoid risk of infection

**Status of Regulation:**      Class IIa, sterile product following MDD 93/42/EEC

Notified body:                    TÜV Rheinland 0197  
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