



# SHIELD Scientific

compliance comfort protection

**SHIELDskin XTREME™ gloves  
for CONTAMINATION CONTROL**

Exceeding expectations  
in critical environments

DI

DI+

DI++

STERILE









Depending on the procedure for sterile gowning, those engaged in aseptic work may double-glove with two pairs of sterile gloves. Disinfected bare hands may be used for putting on non-sterile garments such as bouffant caps and face-mask. However as soon as we start putting on sterile garments, then it is important that we are wearing sterile gloves. SHIELDskin™ Orange Nitrile™ 300 Sterile (30cm) and SHIELDskin Xtreme™ Sterile Orange Nitrile™ 300 DI (30cm) gloves are the ideal solution for the underglove. Once we have finished putting on all the sterile garments, then we can don the second pair of sterile gloves. In this case the SHIELDskin Xtreme™ Sterile White Nitrile 330 DI+ is the perfect partner, with the added benefit of extra length. With this two colour system, it is easy to detect punctures, pin-pricks etc on the white outer glove thanks to the bright colour of the orange under-glove. It's also easy to replace the outer-glove in the cleanroom and the presence of the sterile under-glove will minimize contamination of the product.

### STEP 1: FIRST PAIR UNPACKING

Pictures 1.1 to 1.3

Select the appropriate gloves and size. Inspect the packages to check that they are intact. Aseptically peel open pouch and deposit the wallet on a clean dry surface above waist height. Open wallet, handling only the outer flap of the wallet. Expose the gloves, whilst maintaining the sterile field.

1.1 1.2 1.3

### STEP 2: FIRST PAIR DONNING

Pictures 2.1 to 2.4

Grasp the folded cuff of the right glove with the left hand and insert fingers of right hand in right glove. Ensure that you touch only the inside of the glove. Pull the right glove onto the right hand by pulling the glove at the folded cuff. Ensure that the cuff remains folded. Slide fingers of the gloved right hand inside the folded cuff of the left glove. Insert the fingers of the left hand into the left glove. Pull the left glove on the hand, only touching the outside of glove with the gloved right hand. Unfold both right and left glove by handling only the outside of the glove with the gloved hand. Ensure to pull at least 3 cm from the beaded cuff as pulling near the bead may lead to tearing.

2.1 2.2

2.3 2.4

### STEP 3: SECOND PAIR UNPACKING & DONNING

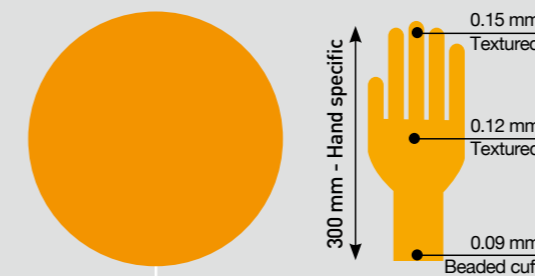
Pictures 3.1 to 3.5

Prepare the second pair of gloves the same way as the first pair (see 1. first pair unpacking). Grasp the folded cuff of the right glove with the left hand and insert fingers of right hand in right glove. Ensure to touch only the inside of the glove. Pull the right glove onto the right hand by pulling the glove at the folded cuff. Ensure the cuff remains folded. Slide fingers of the double gloved right hand inside the folded cuff of the left glove. Insert the fingers of the left hand into the left glove. Pull the left glove on the hand only touching the outside of glove with the gloved right hand. Unfold both right and left glove by handling only the outside of the glove with the gloved hand. Ensure to pull at least 3 cm from the beaded cuff as pulling near the bead may lead to tearing.

3.1 3.2 3.3 3.4 3.5



### SHIELDskin Xtreme™ Sterile Orange Nitrile™ 300 DI

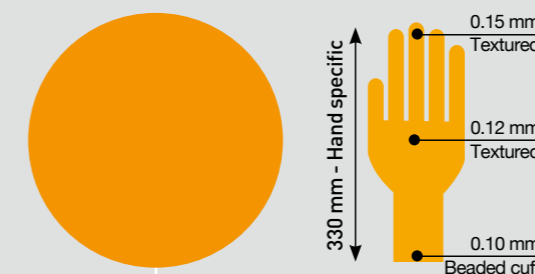


Multi-polymer (nitrile + polychloroprene), powder-free, orange colour, accelerator-free, single washed in deionised water ( $\leq 3000$  particles/cm<sup>2</sup>  $\geq 0.5\mu\text{m}$ ), sterile.



Size	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9	10
Code	69 6551	69 6552	69 6553	69 6554	69 6555	69 6556	69 6557	69 6558	69 6559
	1 pair / pouch	20 pouches / poly bag	10 poly bags / case						

### SHIELDskin Xtreme™ Sterile White Nitrile 330 DI+



100% nitrile, powder free, longer cuff, white colour, triple washed in deionised water ( $\leq 900$  particles/cm<sup>2</sup>  $\geq 0.5\mu\text{m}$ ), sterile.



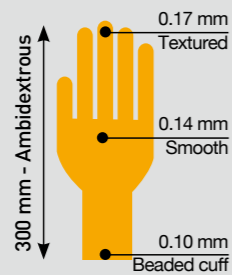
Size	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9	10
Code	69 8761	69 8762	69 8763	69 8764	69 8765	69 8766	69 8767	69 8768	69 8769
	1 pair / pouch	20 pouches / poly bag	10 poly bags / case						

SHIELDskin Xtreme™ DI sterile latex and nitrile gloves are developed specifically for sterile production in the pharmaceutical industry. These products provide appropriate process and product protection, along with personal protection for most aseptic environments.

SHIELDskin Xtreme™ DI+ sterile latex and sterile nitrile gloves have been specifically developed for the most critical environments in the pharmaceutical industry. A combination of different lengths and the highest level of barrier performance (as defined by AQL) ensure that these gloves offer maximum process and product protection as well as personal protection.



### SHIELDskin™ Orange Nitrile™ 300 Sterile

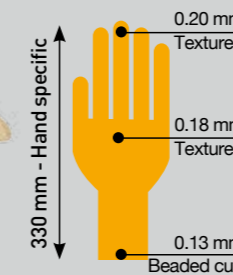
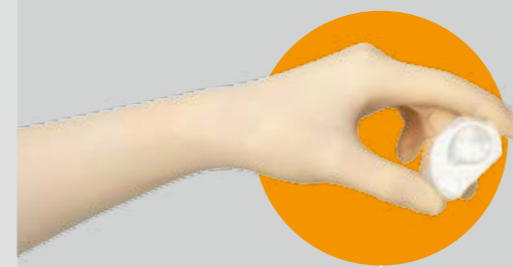


Multi-polymer (nitrile + polychloroprene), powder-free, twinSHIELD™ technology (double layers / twin colours: orange/white), accelerator-free, single washed in deionised water ( $\leq 3000$  particles/cm<sup>2</sup>  $\geq 0.5\mu\text{m}$ ), sterile.



Size	XS/6	S/7	M/8	L/9	XL/107.5
Code	67 6351	67 6352	67 6353	67 6354	67 6355
	1 pair / pouch	20 pouches / poly bag	8 poly bags / case		

### SHIELDskin Xtreme™ Sterile Latex 330 DI+

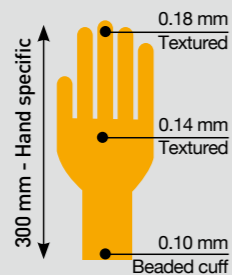


100% natural latex, powder free, longer cuff, natural colour, triple washed in deionised water ( $\leq 950$  particles/cm<sup>2</sup>  $\geq 0.5\mu\text{m}$ ), sterile



Size	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9	10
Code	69 5761	69 5762	69 5763	69 5764	69 5765	69 5766	69 5767	69 5768	69 5769
	1 pair / pouch	20 pouches / poly bag	10 poly bags / case						

### SHIELDskin Xtreme™ Sterile Latex 300 DI

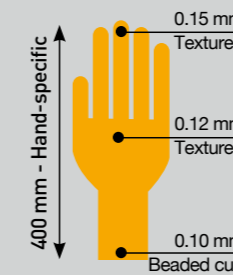


100% natural latex, powder free, partly textured, natural colour, single washed in deionised water ( $\leq 3000$  particles/cm<sup>2</sup>  $\geq 0.5\mu\text{m}$ ), sterile.



Size	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9	10
Code	69 5551	69 5552	69 5553	69 5554	69 5555	69 5556	69 5557	69 5558	69 5559
	1 pair / pouch	20 pouches / poly bag	10 poly bags / case						

### SHIELDskin Xtreme™ Sterile White Nitrile 400 DI+



100% nitrile, powder free, extra-long, white colour, triple washed in deionised water ( $\leq 900$  particles/cm<sup>2</sup>  $\geq 0.5\mu\text{m}$ ), sterile.



Size	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9	10
Code	69 8771	69 8772	69 8773	69 8774	69 8775	69 8776	69 8777	69 8778	69 8779
	1 pair / pouch	20 pouches / poly bag	8 poly bags / case						

**DI**

**Basic contamination control**

**DI+**

**High contamination control**

**DI++**

**Extreme contamination control**

**STERILE**

**Bio contamination control**

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

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