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Cleanroom Nitrile Gloves

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DONNING: HOW TO STAY PROTECTED WITH NON-STERILE GLOVES IN THE CLEANROOM

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In the cleanroom, the donning process is seen as critical in terms of guidelines and best practices. Oftentimes, individual cleanrooms will provide their workers with a unique protocol to coach them through the donning process to ensure it is done properly and meets their needs.[1] However, the act of donning could be second nature for some cleanrooms while being an unfamiliar process for others.

Donning the Correct Way

Donning is the act of dressing yourself in gloves and other personal protective equipment (PPE) to ensure optimal safety and protection in a cleanroom environment. Donning is common across a variety of industries including pharma and medical, semiconductor, biotechnology, engineering, solar and manufacturing, and will look different depending on industry, company and cleanroom specifications.

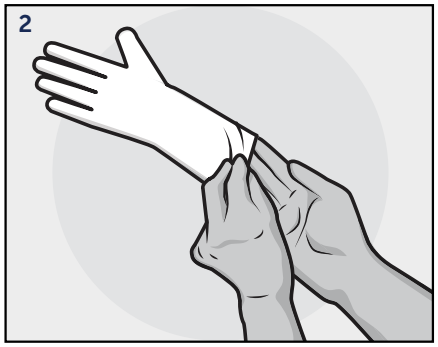
There are no industry standards or guidelines for the donning process. However, there are several best practices for cleanroom professionals to follow. There are also preferred glove types to use while donning, including beaded cuff gloves as the beaded cuff is designed to aid in the process and help prevent roll-down.

Donning ensures optimal safety and protection in a cleanroom environment.

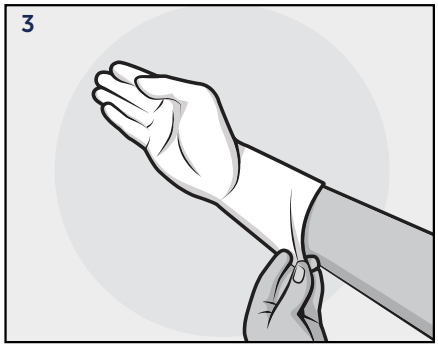
The donning process varies depending on the specific cleanroom environment specifications. Ideally it should be conducted in an environment free of particulate and micro-organism contaminants – meaning that it is critical for cleanroom personnel to maintain cleanliness and adhere to proper personal hygiene protocols before beginning work. While in the process, workers and their environment must remain uncontaminated, and the below are steps they should take when donning non-sterile gloves.[2]

DONNING GLOVES

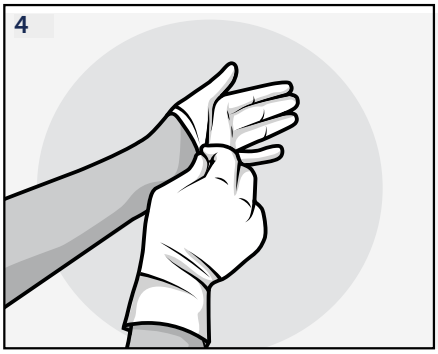
Wash your hands/arms with mild soap or disinfectant and sanitize your hands with Isopropyl Alcohol (IPA).



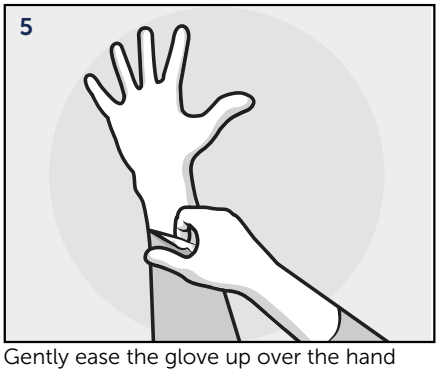
Grasp the beaded cuff of one glove and carefully pull over the opposite hand.



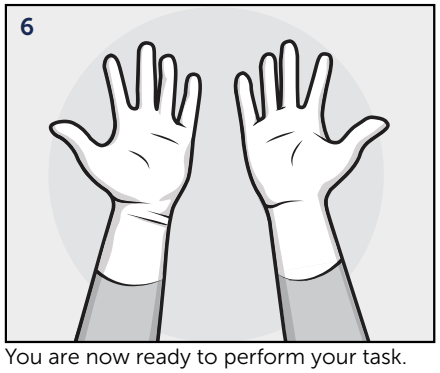
Gently ease the glove up over the hand and wrist.



Grasp the second glove at the edge of the beaded cuff.



Gently ease the glove up over the hand and wrist.



You are now ready to perform your task.

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For non-sterile cleanrooms, the HALYARD* **PURE**ZERO* HG3 Light Blue, White and White SGX* Nitrile Gloves are ideal options designed specifically to meet the needs of semi-conductor, pharmaceutical and medical device manufacturing cleanrooms. The HALYARD* **PURE**ZERO* HG3 gloves are made with an accelerator free nitrile polymer and are an excellent alternative for workers with latex allergies.

Overall, donning gloves can be cumbersome, especially if repeated attempts are needed to ensure an environment without particulate or micro-organism contamination. In a global cleanroom survey conducted by Owens & Minor's HALYARD* product brand, 30% of respondents noted ease of donning as a frequent pain point and unmet need of gloves in the cleanroom.[3] When it comes to donning, ensure your cleanroom has gloves that are comfortable, durable and allow for ease of donning.

The most important aspect of donning correctly comes down to your PPE supplier. Partner with a reliable supplier that produces quality products and will keep your cleanroom stocked with appropriate PPE that meet your cleanroom needs.

Contact Owens & Minor to ensure you are donning the correct way in your cleanroom.

For more information or samples, contact your distributor or visit: **www.purezerogloves.com**

Owens & Minor | HALYARD* is an Owens & Minor brand

1. Protective Gloves in Semiconductor and Pharmaceutical Cleanrooms Research, Conducted in 2019. Data on file. – Owens & Minor Halyard
2. HALYARD* **PURE**ZERO* Sterile Cleanroom Nitrile Gloves Donning and Doffing Technique (Video) – Owens & Minor
3. Halyard APAC (Asia Pacific) Cleanroom Gloves Market Landscape Research Report (China, South Japan and Korea), Conducted in 2020. Data on file. – Owens & Minor Halyard

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