

ARE THERE ALTERNATIVES TO SINGLE USE GLOVES?

Coated mechanical gloves can be sanitised and are ideal for work in oily environments

While demand for PPE continues to increase as a result of the COVID-19 pandemic, Ansell recognises that it is important to consider temporary or alternate solutions to mitigate critical supply shortages such as those related to single use gloves. Coated mechanical gloves are designed to provide barrier protection against oil and liquid, but are not tested or certified to protect against viruses.

Mechanical PPE such as HyFlex® gloves and sleeves help prevent industrial workplace mechanical risks such as lacerations and abrasions, and are designed to withstand long-term use and multiple cleaning and sanitisation cycles. If you have put in place sanitary rules that require the gloves to be disinfected between laundry cycles please find some recommendations here.

There are 3 steps to properly sanitising your reusable Mechanical PPE between laundering cycles.

The below protocol is effective for most mechanically protective industrial gloves and sleeves.



Step 1:

Remove PPE using proper doffing procedure[†]
Rest on a clean surface after removal



Step 2:

Apply 70-75% isopropyl alcohol* thoroughly by spray bottle on both front and back of the PPE and allow at least 30 seconds of exposure per side

Do not use 90+% isopropyl alcohol as it evaporates too quickly for cleaning

IMPORTANT: Execute in a well-ventilated area far away from a flame or spark as alcohol is flammable



Step 3:

Allow at least 10 minutes of drying time before reusing PPE

REMEMBER:

- Always wash your hands for 20 seconds with soap and water after removing PPE
- Inspect PPE before every use to ensure the integrity is not compromised and it is suitable for the application for which it is being used

*Ethanol can be substituted for isopropyl alcohol. Do not substitute with methanol

[†]For more information or guidelines, visit the **Mechanical Protection Resources** section on the [Ansell Safety Resources](#) page

Mechanical hand and arm protection is made using different materials and therefore, have a variety of cleansing and sanitisation processes. While it may seem easy to use every day products such as sprays and wipes, all disinfecting products are created using different formulations, so it is difficult to predict their interaction with the variety of PPE coatings and fabrics and whether or not they are sufficiently disinfecting the PPE from the COVID-19 virus.

Disclaimer:

Employers must ensure workers are trained on the hazards of the cleaning chemicals used in the workplace as well as the proper inspection and disposal of regulated waste and PPE. Since Ansell does not control the environment the PPE is stored or used, the cleansing and re-use decisions of Ansell products, whether alone or in combination with additional PPE for an application, is the final responsibility of the user.

Recommended solutions for oily environments

| Multipurpose | Cut Protection |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>HyFlex® 11-849</p> <ul style="list-style-type: none"> • Perfect fit for an optimal comfort - Spandex reinforcement and ergonomic design • Thin FORTIX™ Technology foam nitrile coating allowing breathability while offering extreme durability • Dermatologically tested <p>    </p>  | <p>HyFlex® 11-427</p> <ul style="list-style-type: none"> • Provides not only the protection needed in dry and slightly oily environments, but also educates workers to understand risk levels • The color indicator system on the glove ensures the wearer of always having the appropriate cut level performance <p>  </p>  |
| <p>HyFlex® 11-919</p> <ul style="list-style-type: none"> • Liquid repellent against oil, grease and dirt • The seamless nylon liner provides an optimal fit, for comfort and dexterity • Ideal glove for use in oily and grimy work environments  | <p>HyFlex® 11-927</p> <ul style="list-style-type: none"> • Industry leading oil grip, featuring ANSELL GRIP™ Technology • Unique ¾ dip geometry provides added protection against oil • High abrasion & cut resistance <p>    </p>  |
| <p>HyFlex® 11-925</p> <ul style="list-style-type: none"> • ¾ dip geometry for added protection against oil exposure & knuckle abrasion • Double nitrile coating for increased oil protection and grip • 18G liner extreme comfort <p>   </p>  | <p>HyFlex® 11-939</p> <ul style="list-style-type: none"> • High comfort: Glass fibre-free, latex-free & lightweight • Reinforced thumb crotch: Delivering up to 12x incremental durability for extended use life* <p>      </p>  |
| <p>HyFlex® 11-926</p> <ul style="list-style-type: none"> • Dark purple hides dirt in oily environments & prolongs usage • Added protection against oil exposure & knuckle abrasion • Provides superior ergonomic fit <p>   </p>  | <p>HyFlex® 11-949</p> <ul style="list-style-type: none"> • Excellent abrasion performance • Good cut resistance & good grip properties • Coating resistance to residual oil & greases <p>    </p>  |

Definition of Re-usable versus Limited or Single-use PPE

| Re-usable* | Limited or Single Use |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PPE that is constructed from materials which allow it to be cleaned after repeated exposure to a hazard, such that it remains suitable for continued use.</p> | <p>PPE for limited duration of use. To be worn until hygienic cleaning becomes necessary or contamination of a hazard has occurred, and disposal is required.</p> |

*Based on CENISO/TR 11610 Protective Clothing Vocabulary

Note: For reusable PPE that is not claimed and/or certified for virus protection, proper sanitisation and laundering guidelines can be applied to help prevent the spread of viral contamination.

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