



Personal Protective Equipment

## How to Select the Best Chemical-Resistant Glove for Your Hand Protection

Brought To You by SHOWA | Oct 23, 2024

Skin irritation and chemical burns are not the only risks of improper glove use; long-lasting effects on health, including cancer and reproductive harm, can also occur. By implementing safer practices and protective measures, we can ensure healthier working environments and protect workers.

As the demand for chemicals rises in various fields, prioritizing safety and making informed choices when selecting chemical-resistant gloves is imperative. "It's important to note that while certain gloves may protect against specific chemicals, they may not provide adequate protection against all chemicals. [SHOWA's] guide offers a comprehensive approach to identifying the chemicals you'll be dealing with, assessing exposure duration, evaluating glove characteristics, and confirming certifications and standards for utmost hand safety. Discover the best chemical-resistant glove for your specific needs with these simple steps," noted Gabriel Szelenyi, Product Manager at SHOWA.

**" Hand protection is of utmost importance on the job, and selecting the correct chemical-resistant glove is key. When working in laboratories, factories, or other industrial environments, choosing the appropriate glove is essential to effectively safeguard your hands and maintain well-being. "**

**Identify the Involved Chemicals:** Knowing the specific chemicals and their concentrations you'll be working with is crucial. Remember, the concentration and physical state of the chemical play critical roles in glove selection. "There are many kinds of chemical-resistant gloves that can give hand protection against various chemicals. Use ChemRest.com to discover over 400 chemical database and choose the perfect chemical-resistant glove for your hand protection. There are many ways to search the perfect glove. You may search using the CAS number or chemical name, you may also search using product name or model number."

**Assess Exposure Duration:** The duration and frequency of chemical exposure are important factors. "Long-term tasks require gloves with enduring protection, while limited exposure might only necessitate single-use gloves. Remember, single-use gloves are not meant for long-term use and should be changed frequently."

**Evaluate Glove Characteristics:** Consider the gloves' thickness and flexibility. While thicker gloves offer more protection, they may limit dexterity and comfort. Achieving a balance between protection and

comfort is key. Also, consider the glove's surface texture for the required tasks.

**Review Certifications and Standards:** Always check for certifications and standards from accredited organizations to ensure the gloves have been tested and meet specific performance criteria. Additionally, be mindful of the gloves' shelf life to avoid accelerated degradation of the gloves in use.

"For your chemical requirements, discover the **CN series** by SHOWA, which sets a new standard in chemical resistance," offering robust protection against harsh substances without compromising on comfort. Its design features a unique grip pattern for a secure hold in challenging conditions, improving safety and efficiency. The glove incorporates an innovative inner-coating technology, making it easier to don and take off, a benefit that remains consistent over time.

Additionally, CN series are made with Eco Best Technology® (EBT), setting them apart as a biodegradable option in the market without compromising on durability and protection. Learn more about SHOWA's CN series [here](#) and discover the full range of products.

*Previously Featured on SHOWA's blog.*

*Browse chemical-resistant gloves from SHOWA on MSCDirect.com.*

[www.mscdirect.com/betterMRO](http://www.mscdirect.com/betterMRO)

Copyright ©2024 MSC Industrial Supply Co.