

Spina Dental Supplies

Nitrile Gloves

Over the years, the popularity of disposable nitrile gloves has increased to become the latex-free exam glove of choice for all people who wear gloves for protection. Due to its chemical make up, nitrile gloves work very well in harsh, high-stress environments. Nitrile is known for providing excellent protection to a wide range of chemicals in addition to being an effective barrier against blood-borne pathogens. Nitrile gloves are widely used for handling toxic chemicals such as chemotherapy drugs. Most importantly, nitrile is latex-free and provides three times more puncture resistance than standard latex exam gloves. For these reasons it is not surprising that nitrile exam gloves are becoming the preferred latex-free glove of choice.

The protection level of nitrile gloves is dependent on the technology used in the manufacturing process. This includes the formulation of the nitrile material. In general only, the thicker the glove is, the more protection the exam glove will provide the user. This applies only to gloves made of similar chemical processes. The thickness is measured in mils and the most popular nitrile gloves range from three to five mils. The better nitrile glove manufacturers will test the permeability of hard chemicals with nitrile exam gloves including popular chemotherapy drugs. For this reason, the data of how effective a particular nitrile glove will protect the hands will differ from company to company. Spina Dental Supplies recommends you choose either **Sempermed** or **Kimberly Clark** gloves.

The Many Colors of Nitrile

Nitrile exam gloves have always been colored to distinguish this glove differently from their latex counterpart. Originally, this was to protect the person with latex allergies. Since latex has always maintained their original milky white color, nitrile exam gloves were traditionally colored blue. Today, you can find many different colors which include purples, green, black or silver. Mostly this is purely for aesthetic purposes, but some companies have successfully built their brand surrounding the color of their glove. **Kimberly Clark's purple nitrile** glove is such an example.

The KC purple nitrile glove is one of the most widely recognized exam glove known for its quality. When the glove was introduced Kimberly Clark advertised the quality of the glove. Since then, purple nitrile from Kimberly Clark has had a reputation of the highest quality. As the nitrile exam glove market becomes larger, we are seeing more colors being introduced as ways for manufacturers to further differentiate their product. For example, black nitrile gloves have steadily gained in popularity. **Sempermed's SemperForce** black nitrile exam glove has been acknowledged as one of the leaders in this market.

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The Many Colors of Nitrile (Cont)

Kimberly Clark has recently added two new nitrile gloves to their product list. **Kimberly Clark Sterling & Kimberly Clark Lavender** are two new nitrile gloves that the market has embraced. Both have the KC quality developed over the years by specializing in nitrile glove technology. We can now add silver & lavender to the list of nitrile glove colors.

Nitrile Gloves Are Made From Latex-free Synthetic Material

The reason why synthetic gloves have gained acceptance is because of the increased awareness of latex allergies. Latex would be the best material for exam gloves if it wasn't for the fact that people can develop sensitivity to latex. 6 percent of the general population already has latex allergies and as much as 17% of health care workers are reported to be affected. Much of the increase noted in healthcare workers is from old manufacturing techniques used in latex glove production. Centrifuging & powder free gloves have greatly reduced allergies in the healthcare industry. Using nitrile gloves as an alternative will help make a medical clinical environment safer for both patients and staff. For this reason, more and more hospitals are retiring the use of latex exam gloves.

Uses of Nitrile Exam Gloves

While nitrile & latex are both popular, nitrile gloves are preferred over vinyl glove as the latex alternative. In most healthcare facilities, nitrile exam gloves are used in a combination of other medical glove materials. Where allergy concerns or chemical use requires, nitrile is the desired alternative. Now that latex & nitrile are competitively priced, nitrile is gaining popularity. Companies such as **Kimberly Clark** have decided to discontinue all latex glove production. That is why you see **Kimberly Clark** leading the industry in nitrile choices. Glove giants such as **Sempered**, while continuing latex production, are also innovating with nitrile choices.

Nitrile has gained market share due to the ability to tailor the glove by chemical make up or thickness for the application.



Kimberly Clark Purple Nitrile

Kimberly Clark Sterling Nitrile

Kimberly Clark Lavender

Sempered[®]
We are people protection.[®]



SemperCare



SemperForce



TenderTouch

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