

Schottlander LA Low Allergy

Powder Free Latex Examination Gloves



Protection for sensitive hands.

Consistently low protein and
residual chemical levels.

Gloves made up to a standard...
...not down to a price

Schottlander LA Low Allergy Powder Free Latex Examination Gloves

What makes Schottlander Low Allergy Examination Gloves Better?

With ultra low protein and residual chemical levels, superb fit and a unique surface treatment to optimise grip, Schottlander Low Allergy Powder Free Latex Examination Gloves have redefined expectations of dental gloves.

The inside is now easier than ever to don, while the outside surface is guaranteed not to retard the set of addition cured silicones.

Our quality and innovation in dental gloves earned us a Queens Award for Innovation, the only such award received by a dental company.

Why Insist On Low Allergy Powder Free Gloves

Glove wearing, however essential, has resulted in many peoples hands becoming sensitised. Their hands can become sore, red and itchy and in severe cases blisters can develop. Other symptoms like breathing difficulties, sore eyes and runny noses may also occur.

Studies have shown that up to 18% ⁽²⁾ of healthcare workers suffer from some of these problems.

What causes these problems?

Allergic reactions to Natural Rubber

Immediate Hypersensitivity (Type 1) reaction occurs shortly after the glove is put on. It usually manifests itself as a result of repeated exposure to excessive levels of latex protein. Symptoms range from rashes and irritation around the glove contact area, to rhinitis and occasionally anaphylaxis.

It is an allergic reaction to some of the proteins from natural rubber latex. Sensitisation tends to occur as a result of repeated exposure to excessive levels of latex protein. Studies show that use of low protein powder free gloves such as Schottlander LA Examination Gloves sharply reduces instances of latex sensitisation. ⁽³⁾

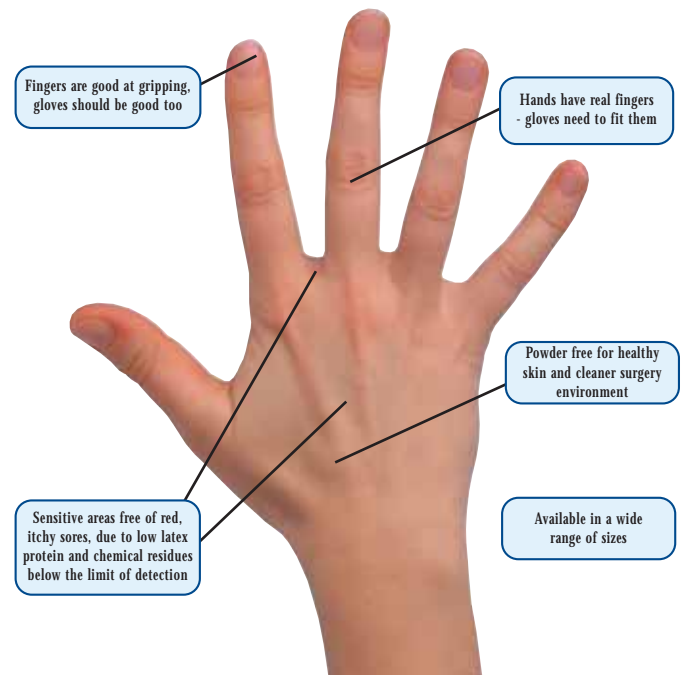
Glove Powder

Some manufacturers add glove powder (corn starch) to assist donning of the glove. It acts as a carrier for the proteins found in rubber, and has been found to dramatically increase the level of sensitisation and allergic reaction to latex protein, as the protein infused powder not only contacts the skin, but is also inhaled. ⁽⁴⁾

Back in 1995 Schottlander was the first dental company in the UK to adopt a policy of not selling powdered gloves.

Reaction to Residual Chemicals

Delayed Hypersensitivity (Type IV) reaction occurs within 6-48 hours of contact with the glove. It can be caused by exposure to traces of some



chemicals used in the manufacture of gloves, such as thiurams and thiasoles. It causes red, itchy blotches on the hands, sometimes spreading up the arm.

Schottlander Low Allergy Examination Gloves do not contain accelerant chemicals such as thiurams and thiasoles, as confirmed in independent testing. ⁽¹⁾

Glove Selection and Employment Law

The Health and Safety Executive's advice for wearing latex gloves in a dental surgery is that you should 'choose powder free and low protein gloves only'. ⁽⁵⁾

Employees have a duty of care under the control of substances hazardous to health Regulations (COSHH), and in particular Regulation 7 ⁽¹⁾ to ensure that exposure to potentially hazardous materials is prevented, or when this is not reasonably practical, adequately controlled. ⁽⁶⁾

Why Schottlander Low Allergy Examination Gloves?

Schottlander Low Allergy Examination Gloves have been developed to provide a solution by having protein levels at or below the level of detection. This is achieved by the strict parameters set for the selection raw materials, the continual monitoring of the gloves at all stages of production, and the extensive washing of the gloves to leach away extractable latex protein.

Comfort and Fit

To be comfortable gloves need to fit across the palm and have fingers of sufficient length. There are four different sizes within the range; extra small, small, medium, large and extra large.

Improved Grip and Reinforced Cuffs

Schottlander Low Allergy Examination Gloves have specially treated fingers for better grip when working with small objects in both wet and dry conditions, and with a reinforced cuff for added strength when donning.

Test Reports

We routinely use independent sources to test our gloves to ensure that latex protein residues are maintained at extremely low levels and also that the residual chemical residues are at or below the limit of detection. Copies of the independent test reports are available free upon request. Contact our customer services team on Freephone 0800 97 000 79.

Care – When Not to Wear Latex Gloves

For some people even the ultra low protein levels of Schottlander Low Allergy Examination Gloves will not eliminate reactions. In such cases do not persevere but change immediately to Schottlander Flexible Nitrile Gloves, and seek the professional advice from a dermatologist. While containing no latex protein, Schottlander Flexible Nitrile Gloves have greater flexibility and tactile control than other nitrile gloves.⁽⁶⁾

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Physical Properties of Schottlander Low Allergy Examination Gloves:

Guthrie Leap Assay protein level:	1.4µg/g
Modified Lowry protein level:	<30µg/g
Powder content:	Powder Free in accordance with ASTM D6124
Finger texture:	Textured
Conformance to standard:	Made to exceed EN 455 Parts 1, 2, 3 & 4
CE Marked:	Yes
Water tight inspection level:	G1
Water tight AQL:	1.5
Tensile strength (Mpa):	min 21.0
Thickness at fingers (double wall mm):	min 0.40
Thickness at cuff (double wall mm):	min 0.25
Method of testing:	Batch tested
Glove Length:	min 240 mm
Glove design:	Ambidextrous with reinforced cuff
Sizes:	Extra small, small, medium, large, extra large
Number in box:	100 gloves

Figures quoted are typical values. Our policy is one of continuous product development. This may result in the above specifications changing.



⁽¹⁾ Please contact us on free phone 0800 97 000 79 for test reports.

⁽²⁾ Environmental Health Perspectives. 2004 March; 112 (3): 378-81

⁽³⁾ Annals of Allergy, Asthma Immunology. 2004;92(5):530-7.AAOHN (Official Journal of the American Association of Occupational Health Nurses) 2005 March; 53 (3): 111-6

⁽⁴⁾ Clinical and Experimental Allergy. 2004 June; 34 (6): 978-83

⁽⁵⁾ www.hse.gov.uk/latex/dental.htm

⁽⁶⁾ Court of Appeal, Alison Dugmore –v– Swansea NHS Trust and Morriston NHS Trust EWCA Civ 1689. The claimant was a nurse who wore powdered latex gloves in the course of her employment, and developed a type 1 latex allergy was awarded £240,000 compensation, plus £114,000 punitive interest (later agreed at £93,000). The court found that her employer's knowledge of the hazards of powdered latex gloves must be dated from a 1996 Medical Devices Agency bulletin entitled Latex Sensitization in the Health Care Setting (use of latex gloves).



Glove Innovation & the Queen's Award

The innovation of Schottlander Low Allergy Gloves has been formally recognised by the receipt of a Queen's Award in 2000. Since then Schottlander gloves have got even better with the introduction of product enhancements and greater choice.

Schottlander *Soft Touch* Flexible Nitrile Gloves

Schottlander Soft Touch Flexible Nitrile are the New Generation of nitrile gloves, with touch and comfort closer to latex than old style nitrile. Made using advanced thin film technology, they combine enhanced flexibility and fingertip control with outstanding barrier properties.

Available in: XS, S, M, L & XL. Box of 200.



Schottlander Flexible Nitrile Gloves

Schottlander Flexible Nitrile Gloves answer the need of latex free glove wearers for a more flexible nitrile glove with greater tactile control. In the past nitrile gloves have tended to be hard and inflexible, with poor sense of touch for the wearer. Schottlander Flexible Nitrile Gloves are a major step closer to the tactile feel of latex.

Available in: XS, S, M, L & XL. Box of 100.



Schottlander LA Low Allergy Examination Gloves

Schottlander LA Low Allergy Powder Free Examination Gloves provide a consistently higher quality product which is stronger and has guaranteed low residual chemical and protein levels. They are made from the highest grade latex and carefully designed ceramic formers and are now even easier to don. With textured fingers, reinforced cuffs and a unique surface treatment they guarantee optimum grip and better feel whilst having a non-tacky surface, ideal when working in a wet field environment. Available in: XS, S, M, L & XL. Box of 100.



Schottlander *Comfort-LX* LA Low Allergy Gloves

Schottlander Comfort-LX LA Low Allergy Powder Free Examination Gloves are softer and thinner for greater comfort, specifically designed to reduce hand fatigue. Made by using advanced thin film technology, with a silky smooth inner surface and enhanced tactile control.

Available in: XS, S, M & L. Box of 100.



Schottlander Aloe Gloves Soft

Schottlander Aloe Gloves Soft have the high quality you would expect from Schottlander but also contain Aloe Vera and Vitamin E. This innovative combination of natural moisturisers helps protect and nourish your hands while the glove provides the barrier protection you and your patients deserve. The inner coating offers superior donning and soothing comfort during extended wear. Regular use of Schottlander Aloe Gloves Soft should bring positive results for most users resulting in smoother and healthier hands. Available in: XS, S, M & L. Box of 100.



Schottlander LA Low Allergy Procedure Gloves

Schottlander LA Low Allergy Powder Free Procedure Gloves are made thicker to give greater strength and added protection during long procedures. Manufactured using carefully designed ceramic formers, in a range of eight sizes ranging from 5.5 to 9. Schottlander LA Low Allergy Powder Free Procedure Gloves give outstanding comfort and fit. With textured fingers, longer reinforced cuffs and 100% tested for holes for greater piece of mind.

Available in: 5.5, 6, 6.5, 7, 7.5, 8, 8.5 & 9. Box of 25 pairs.



Which type should I order?

The choice is yours, but should you require any help or advice, please call to speak to our experienced advisors. If you would like to try samples of any of our gloves, then tell us and we shall be happy to send them to you. If you feel uncertain about your choice and size, then call us on Freephone 0800 97 000 79 for advice.

Schottlander wall-mounted glove dispensers

Schottlander wall-mounted glove dispensers are hospital grade, made of nylon coated wire and can be disinfected by all commonly used surgery cleaning products. They fit all glove boxes in the Schottlander range, and allow surgeries to wall mount their glove boxes in compliance with HTM 01-05.

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