

## WHAT IS COATS?

COATS is an acronym for :

Colloidal  
Oatmeal  
Active  
Therapeutic  
System

It is a patented glove coating technology owned by Hartalega.

## THE NEXT REVOLUTION

As early as 2,000 B.C., the Arabians and the Egyptians have long used oats to beautify their skin. The ancient Greeks and Romans documented the use of “oat bathes” to heal skin ailments. Even today, it is still used as a soothing agent to relieve itch and irritation associated with various xerotic dermatoses.

Realising the unique and powerful therapeutic benefits of colloidal oat, HARTALEGA was able to combine this knowledge with its innovative glove making technology to give you COATS® – the next revolutionary glove.

Users who often suffer from dry and itchy skin due to constant hand washing and glove use can now be assured that their skin is actively being moisturised, restored and protected as they perform their daily tasks.

## COATS NITRILE 2.7 MIL

Description: Ambidextrous, Chlorinated, Powder-Free, Finger Tip Textured

Available Colour: Dawn Blue

Colloidal Oatmeal Content: ≥ 5 mg/glove

Physical Dimensions	
Glove Length (mm)	≥ 240
Thickness	
Palm (palm centre)	0.07 ± 0.02
Finger (13 ± 3mm from tip)	0.09 ± 0.02

Physical Properties		
Test	Before Aging	After Aging
Force At Break (N)	≥ 6	≥ 6
Tensile Strength (Mpa)	≥ 18	≥ 16
Elongation (%)	≥ 500	≥ 400

## COATS LATEX 4.5 MIL

Description: Ambidextrous, Chlorinated, Powder-Free, Textured

Available Colour: Lemon Green

Colloidal Oatmeal Content: ≥ 5 mg/glove

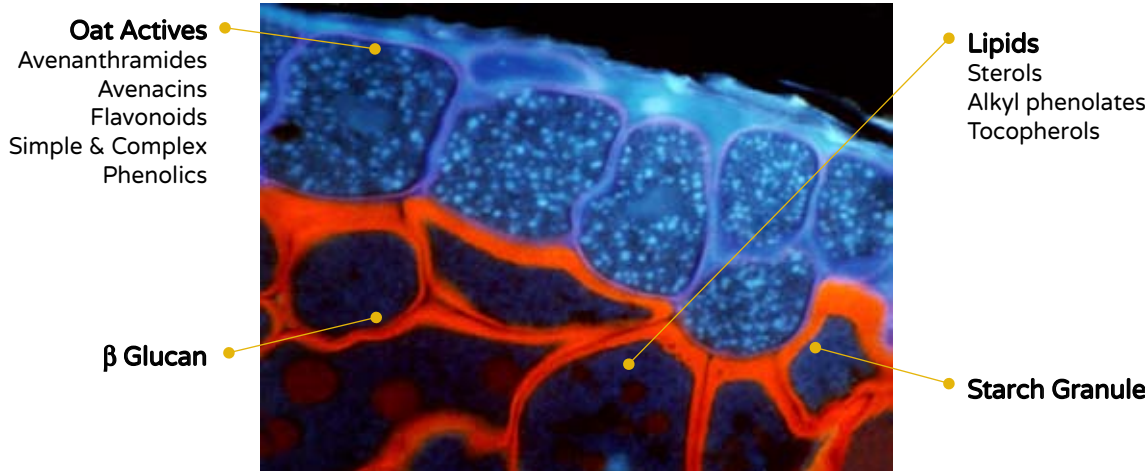
Protein Content: ≤ 50 µg/g

Physical Dimensions	
Glove Length (mm)	≥ 240
Thickness	
Palm (palm centre)	0.11 ± 0.03
Finger (13 ± 3mm from tip)	0.12 ± 0.03

Physical Properties		
Test	Before Aging	After Aging
Force At Break (N)	≥ 6	≥ 6
Tensile Strength (Mpa)	≥ 18	≥ 16
Elongation (%)	≥ 650	≥ 500

## DISCOVER THE POWER IN COATS

Colloidal Oatmeal is the concentrated starch-protein complex of oatmeal prepared from finely ground dehulled oats. Its many active ingredients can give you so much more benefits you can enjoy in a glove.



Avenanthramides	Anti-irritant and redness reduction (anti-histamine effect).
Avenacins	Anti-inflammatory and immuno-regulatory properties in the treatment of atopic dermatitis (AD). Skin cleansing properties through sebum sequestering.
Flavonoids	Antioxidants.
Phenolics	Antioxidants and prevention of lipid peroxidation.
Beta-Glucan	Moisturizing and wound healing (immuno-stimulant).
Lipids/Oils	65% triglyceride, Vitamin E, phospholipids. Effective emulsifying and antioxidant activity.
Starch	Adsorption and absorption properties. Physical barrier.
Oat Peptides	Collagen and elastin promoters by stimulation of the fibroblasts. Skin pH Buffering.



# ENRICHED WITH OAT $\beta$ ETA-GLUCAN

Oat Beta-Glucan is a key component Colloidal Oatmeal. It is a natural film-former that has soothing, hypoallergenic, restorative and protective properties by helping to stimulate collagen synthesis, promote cell renewal and heal micro-abrasions. Its significant deep moisturising effect on the skin is also proven to be both rapid and long-lasting.



**TYPICAL CONDITIONS WHEN WEARING A NORMAL GLOVE**

- o Lack of oxygen
- o Very high humidity; no evaporation
- o Accumulation of oil, urea, salt and water (hydration dermatitis)
- o Elevated temperature
- o Potential irritation from glove film (contact dermatitis)

**EXPECTED BENEFITS**

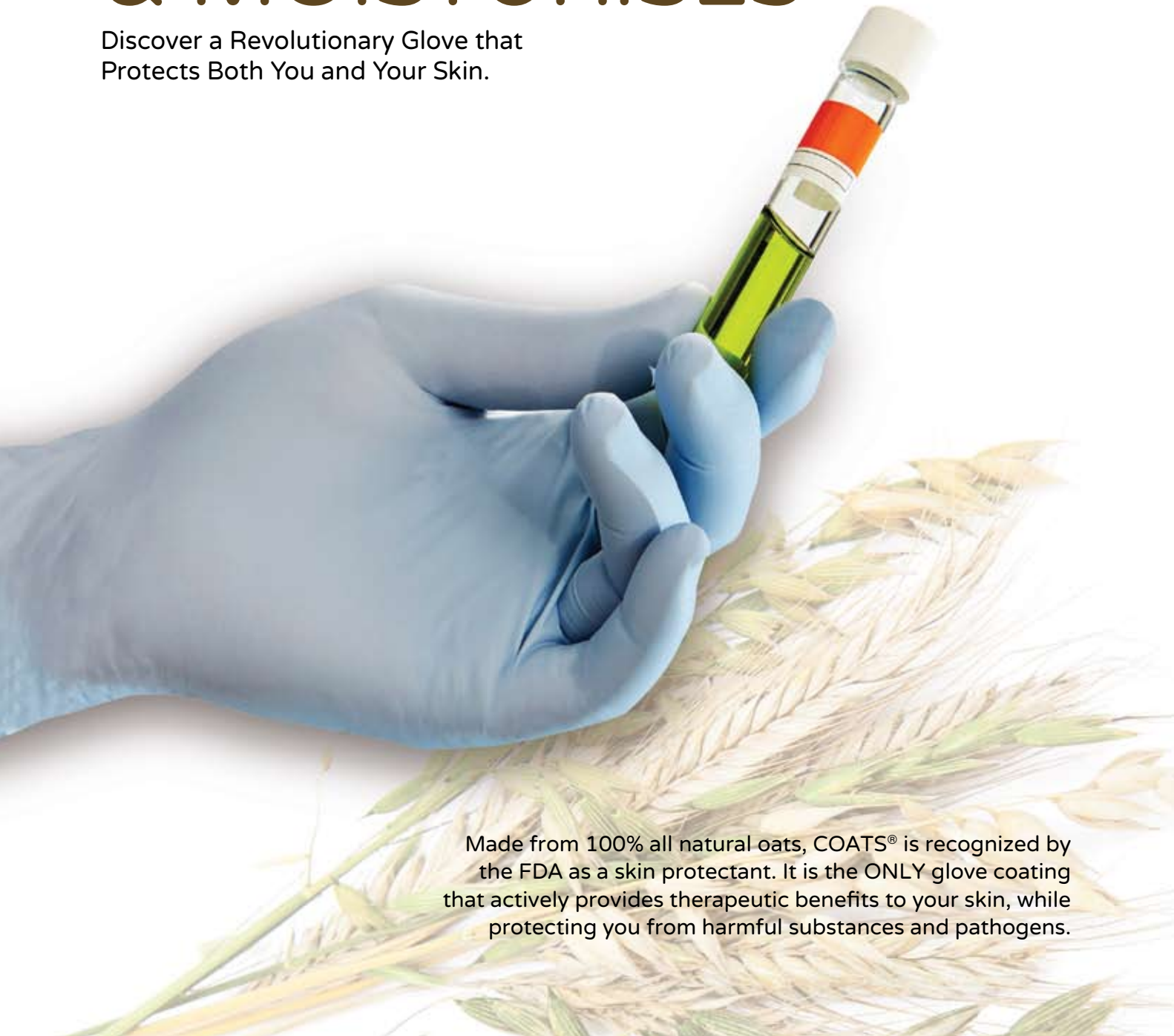
COATS technology prevents direct irritation and hydration dermatitis and make the wearer as comfortable as possible by:

- o Creating a natural physical barrier between glove and skin
- o Absorbing water, urea and salt excretions
- o Anti-irritant and redness reduction
- o pH buffering
- o Natural moisturising

Leading to healthier skin

# PROTECTS, HEALS & MOISTURISES

Discover a Revolutionary Glove that Protects Both You and Your Skin.



Made from 100% all natural oats, COATS® is recognized by the FDA as a skin protectant. It is the ONLY glove coating that actively provides therapeutic benefits to your skin, while protecting you from harmful substances and pathogens.



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