

KEEPING HOT HANDS COOL MAKING SWEATY HANDS DRY



THE WORLD'S FIRST ANTI-PERSPIRANT FOR GLOVES

ATG®'s technology is being continuously developed by a core team that matches market research and marketing analysis with the latest technological developments. This forms the foundation upon which we continually improve the customer experience through constant innovation.

One recurring demand arises in each and every conversation we have, comfort. Today 97 per cent of glove wearers claim that comfort is their number one priority when choosing gloves with the key challenge being **sweaty hands**. Why?

The skin, the largest organ of our body, is used to regulate its temperature through perspiration (thermoregulation). On average, our skin contains 155 sweat glands per square centimeter; however, **our hands have 83 per cent more sweat glands per square centimeter than the rest of our body**. The back of our hands contains 200 sweat glands per square centimeter whilst on the palms of our hands there are 370 per square centimeter. Combine this with a gloved hand and it explains why sweaty hands remains an age-old problem.

Time for change? We at ATG® think so.

INSPIRED TECHNOLOGY

Inspired to find a solution, led us to develop **AD-APT®**, the world's first **All Day Anti-Perspirant Technology** that we've **integrated into the iconic MaxiFlex®**. The patented AIRtech® technology platform that provides 360° breathability works in partnership with the **AD-APT®** technology platform to keep your hand cool, dry and productive even in tough conditions.

3 INTELLIGENT STEPS



1 **REGULATE** FOR A COOLER GLOVE EXPERIENCE

Microcapsules integrated into the glove liner are activated when the skin temperature rises, releasing a natural anti-perspirant that regulates perspiration to keep hands dry and make them cooler.



2 **VENTILATE** FOR A FRESHER GLOVE EXPERIENCE

The AIRtech® technology used in the construction of the MaxiFlex® coating has a network of structured tunnels guaranteeing optimal air quality and temperature within the glove.



3 **CIRCULATE** FOR A PRODUCTIVE GLOVE EXPERIENCE

As your hands work they move forcing air out of the close fitting MaxiFlex® glove through the patented structured tunnels within the AIRtech® coating. This enables what we call 360° breathability to evacuate moisture to guarantee optimal air quality and temperature within which is now further enhanced through the inclusion of our new **All Day Anti-Perspirant Technology, AD-APT®**.

HOW IT WORKS?

Microencapsulation is the process of surrounding or enveloping one substance within another substance on a very small scale, yielding capsules ranging from less than one micron to several hundred microns in size. Magnified many times the microcapsule used to transport the **AD-APT®** technology looks like a golf ball with every dimple on the ball being a heat-sensitive membrane. As the hand warms up, these membranes within the dimples are triggered allowing active cooling agents (essential oils) used within the **AD-APT®** technology to be released on your hands.

The active ingredients within our **AD-APT®** technology dissolve in the sweat or moisture on the hand surface. The dissolved substance forms a gel, which creates a small temporary 'plug' near the top of the sweat gland, significantly reducing the amount of sweat secreted to the skin surface of the hand. Whilst the **AD-APT®** technology cools the hand and reduces sweating it does not impact on the natural ability of the body to control its temperature i.e. thermoregulation.

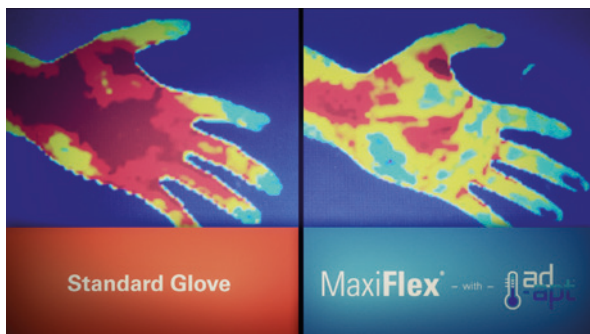
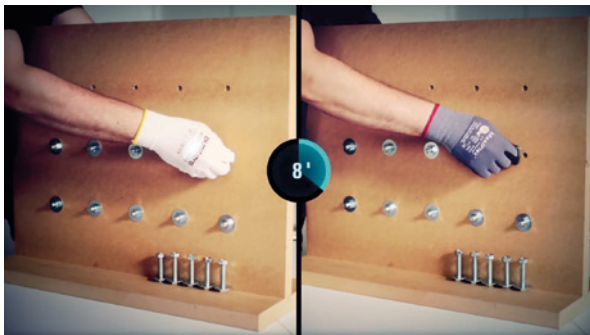
DERMATOLOGICALLY ACCREDITED

Working with our partner, the Skin Health Alliance, we have ensured that our AD-APT® technology platform is dermatologically accredited. The accreditation serves as a guarantee that the technology is skin safe, that the science and research behind AD-APT® is robust and that it meets international regulatory standards.



WHY DON'T WE LET THE HANDS DO THE TALKING?

Assembling nuts and bolts over a period of 20 min.
Standard PU-Glove vs. MaxiFlex® with AD-APT™



BREAKDOWN OF THE THERMAL IMAGE BY PIXEL

MaxiFlex® with AD-APT® has **67% less hot zones** (dark and light red) than the PU.
MaxiFlex® with AD-APT® has **307% more cool zones** (yellow, green cyan and dark blue) than the PU.

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CUSTOMER REACTION

*The response has been a resounding success. **More comfortable, reduced sweating, dry hands for days and a pleasant scent** have been the common threads of the feedback gathered.*

This is what long-standing MaxiFlex® customers have told us in trials conducted between around the world:

- **93 percent** of people surveyed liked the cooling effect and thought it felt natural
- **77 percent** noticed less sweating.
- **85 percent** of those surveyed noticed the scent of the **All Day Anti-Perspirant Technology (AD-APT®)** which they noted as fresh, invigorating and hygienic.
- **81 percent** said they would seriously consider buying a glove with the AD-APT® cooling technology integrated within.

The majority of **people assumed**, without being informed, that the scent was an **additional hygiene treatment**.

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31%
REDUCTION
IN SWEATING
VERSUS
STANDARD GLOVES

Find out more: www.atg-glovesolutions.com

MaxiFlex® Ultimate™

31% REDUCTION IN SWEATING

VERSUS STANDARD GLOVES



Designed and developed as a breathable glove, MaxiFlex® Ultimate™ has become the benchmark for precision handling in dry environments.

Now the iconic MaxiFlex® gets even better thanks to the inclusion of the new anti-perspirant technology, AD-APT® from ATG®.

If your hands have ever sweated or got warm inside a glove then the **All Day Anti-Perspirant Technology** (AD-APT®) that's integrated into MaxiFlex® Ultimate™ is the glove for you.

AD-APT® - the most intelligent way to keep gloved hands dry, cool and productive.

Make the change!

- with -



Image shows MaxiFlex® Ultimate™ 42-874 - Patent-No. EP 1608808
MaxiFlex®, AD-APT®, AirTech®, DuraTech® and ErgoTech®
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Find out more: www.atg-glovesolutions.com

