

ATG® TECHNOLOGY PLATFORMS THAT MAKE OUR GLOVES



IMPROVING THE CUSTOMER EXPERIENCE THROUGH INNOVATION

ATG®'s technology platforms are 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's experience through constant innovation.

Why? It is because we understand the complexity of choosing and implementing a hand protection programme that works and is adopted by all.

On one side, your workforce continually asks for gloves that are more comfortable whilst on the other side there is a focus to reduce injuries, the costs associated with those injuries and to improve worker efficiency.

We aim, via use of our technology platforms, to combine comfort and worker acceptance with performance and safety features.

We have also recently added a “well being” technology platform that takes care of your hands during and after work.

Our products include technologies that follow one of three themes:

1. Comfort
2. Performance
3. HandCare™

These technologies are used individually or collectively to provide you with the glove that is guaranteed skin friendly thanks to our partnership with the Skin Health Alliance. All our gloves are designed to last and can be laundered to ensure that we are able to maintain **our commitment to you of “value for money”**.

As an example, our industry leading MaxiFlex® range combines multiple technology platforms to change life for the better:

- **AIRtech®**- Delivering 360° breathability to keep the hand cool and dry.
- **ERGOTech®**- Mimics the "hand at rest" through form, fit and feel to reduce hand fatigue, so increasing comfort.
- **DURATech®**- Ensuring that gloves last longer making them good "Value for Money".
- **GRIPTech®**- Ensuring items are handled more securely.

As with all our gloves MaxiFlex® is dermatologically accredited by the Skin Health Alliance as part of our **HandCare® programme** and are post washed prior to packaging enabling us to guarantee them "fresh out of the pack" as certified by Oeko-Tex®. All ingredients used in the production of MaxiFlex® are according to REACH and none of our products contains SVHC.

All our technology platforms are explained in more detail throughout this brochure.

COMFORT PLATFORMS

Everytime we speak to people that wear gloves, the first thing they tell us is that they have to be comfortable, which is why we have three dedicated comfort platforms.



DELIVERING 360° BREATHABILITY

AIRtech® has set the standard for breathability. It was designed and developed to enhance comfort by eliminating heat build up inside a glove. Our customers have told us that there is nothing like it on the market today. It allows them to wear the glove longer and more comfortably than anything they have ever used before.

AIRtech® is delivered, where the coating is applied, through a patented micro-foam nitrile coating. These tiny bubbles provide a network of micro-tunnels for heat to dissipate naturally, allowing the hand to breath. AIRtech® enables what we refer to as 360° full hand breathability. Cool hands are happier, safer and more productive. Look for the AIRtech® logo.



FOR REDUCED HAND FATIGUE

ERGOTech® focuses on making the glove work like a second skin. ERGOTech® concentrates on maximizing the form, fit and feel of our gloves, which results in a superior user experience. An example of this technology is our compounds. We have developed our compounds to conform to the hand which maximizes their flexibility during use. Wear MaxiFlex® and you'll see how the compound moulds to your fingers to offer exceptional dexterity, flexibility and tactile sensitivity.



We are continually studying the dynamics and dimensions of the hand as the basis for creating our own hand moulds which are used in the coating process. During our patented coating process, our highly trained and skilled engineers regulate the thickness of the coating, assuring its consistency across all parts of the glove where it is applied. We also strictly control how much of the coating is absorbed into the liner. Why? It ensures that only soft fibres on the inside of the glove come into contact with the user's hand.

This attention to detail is also apparent when matching the liners to the formers used in the dipping process. Our proRange™, offering 8 sizes, from 5 (XXS) to 12 (XXXL)¹ in palm, ¾, fully dipped and driver styles. It's not a one liner fits all approach that is widely used in the industry. We utilize 34 liners all of which are individually tailored to consider the compound composition used, dip line required and hand mould itself. The end result is the ultimate fitting glove.

ERGOTech® is designed, developed and integrated into our gloves to mimic the natural contours of the hand, to deliver outstanding flexibility, dexterity and tactile sensitivity.

¹ may not be available for all styles



KEEPING HOT HANDS COOL, DRY AND PRODUCTIVE

The AD-APT® technology regulates your hand temperature to keep your hands cool, dry and productive even under tough conditions.

The AD-APT® technology is made from natural ingredients and designed to last for the duration of the glove. It can also be laundered making it excellent „value for money“.



PERFORMANCE PLATFORMS

Our performance platforms enable us to deliver safety characteristics that provide solutions where hazards may exist. This includes providing solutions to cut, abrasion, thermal, liquids and grip hazards. These technologies can be used individually or collectively to provide uncompromised performance.

LONGER USE SAVES YOU MONEY

DURAtech® is a technology platform that makes gloves last longer. Why? Because long lasting gloves simply makes good economic sense but it's not all about the durability. It's also about making sure your gloves are fresh and clean so we've designed our gloves so they can be laundered. That way you're able to make full use of the outstanding durability offered.

FOR PROTECTION AGAINST CUTS

CUTtech® combines and blends high performance yarns and fibres to impart different levels of cut protection with the driving philosophy to deliver high levels of comfort and wearer satisfaction.

We only source our fibre requirements from long term key partners. Once in-house, they are covered, twisted and plated at our production facility, the end result being innovative yarns and fibres that are light yet flexible. They are engineered to perform.

Recently added to the CUTtech® range was a permanent nitrile reinforcement located between the thumb and first finger. This increases the wear in an inherently weak area of most gloves, which increases glove life and reduces cost-to-wear. It also offers additional cut protection and confidence when handling sharp edged parts and components. CUTtech®, transferring optimal cut resistance through innovative fibres.





FOR BETTER PERFORMANCE

At ATG® we view grip as a key safety criteria. Our GRIPtech® "micro-cup" finish enhances grip properties making parts that are handled more securely. In addition, it reduces hand fatigue associated with a lack of a proper grip. To obtain this highly efficient effect, a patented coating process is applied only where necessary, in order to enhance and maximize dexterity and flexibility.

This technology has been cleverly designed to support you in dry and/or oily environments. It is frequently used in conjunction with CUTtech® to strike the optimal balance between cut resistance and grip. If it doesn't slip then it doesn't cut. GRIPtech® decreases hand fatigue and increases safety.



FOR PROTECTION AGAINST OILS, LIQUIDS AND CHEMICALS

Many work areas today contain varying degrees of liquids including water, oils and many chemicals. The LIQUItouch® barrier has been designed to safeguard you. It's characterized by an industry leading coating technology, unique to ATG®, delivering lightweight, flexible coatings applied to very fine gauge seamless knit liners, with various coating weights.

The combination of coating and seamless knitting technologies can be engineered to provide liquid repellence, along with low and high level chemical resistance, while retaining superb levels of comfort not normally associated with liquid repellent and chemical resistance gloves.



FOR PROTECTION AGAINST HOT OR COLD

THERMtech® combines coating and seamless knitting technologies that impart thermal insulation properties to resist heat or cold. ATG® has in-house state of the art facilities to blend heat resistant yarns and fibres to produce products with high thermal insulation properties, without sacrificing flexibility, dexterity, weight and comfort.

HANDCARE™

All our gloves are dermatologically accredited by the Skin Health Alliance and are post washed prior to packaging enabling us to guarantee them "fresh out of the pack" as certified by Oeko-Tex®. All ingredients used in the production of our gloves are according to REACH and none of our product contains SVHC.

We spare no effort in making sure that the ATG® glove experience is a gentle one, both for the user's skin and for the planet. As an expression of our responsibility towards our planet, we have appointed a dedicated team that continually measures and monitors the short and long-term ecological impact of all our production processes. This team's expertise also helps us to think ahead, improve performance and find ways to further minimise our global environmental footprint.

This entire monitoring process is ISO 14001 certified and serves as the foundation for our environmental framework as well as our HandCare® programme.

ATG® gloves. Guaranteed skin friendly.

