

MaxiFlex[®] Ultimate[™]

with AD-APT[®] Cooling Technology



Designed and developed as a breathable glove, MaxiFlex[®] has become the benchmark for precision handling. Now the iconic MaxiFlex[®] gets even better thanks to the inclusion of the new AD-APT[®] Cooling Technology from ATG[®]. If your hands have ever sweated or got warm inside a glove then the AD-APT[®] Technology that's integrated into MaxiFlex[®] is the glove for you. AD-APT[®] - the most intelligent way to keep gloved hands dry, cool and productive.



MaxiFlex[®] has outstanding durability withstanding 18,000 abrasive cycles thanks to the use of the DuraTech[®] coating technology in the coating construction. MaxiFlex[®] has over twice the resistance of other gloves in its class.



360° BREATHABILITY - patented micro-foam nitrile coating offers 360° breathability, making it the most breathable glove on the market today.



25% THINNER - than most foam nitrile gloves on the market whilst offering twice the mechanical performance.

FORM, FIT AND FEEL - mimics the "hand at rest", reducing hand fatigue and increasing comfort

LATEST KNITTING TECHNOLOGY - utilized to produce a smooth and rounded fingertips, improving fingertip sensitivity

CONSISTENT PENETRATION FREE LINER - from the nitrile, leaving only the soft liner resting against the skin *i.e. no strikethrough*



OPTIMIZED GRIP delivered through the micro-cup finish allows for a controlled grip.



SKIN FRIENDLY - The well-being technology eliminates all traces of process chemical and odours. MaxiFlex[®] is "skin friendly" and certified to the Oeko-Tex 100[®] standard, which means the gloves are certified that they do not contain any harmful/carcinogenic solvents.

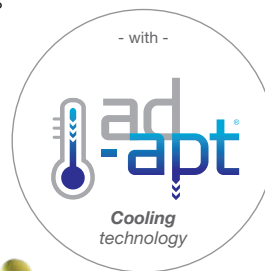
REACH COMPLIANT - All ingredients used in the manufacturing and construction of MaxiFlex[®] are compliant with REACH - "Registration, Evaluation, Authorisation and Restriction of Chemical substances". REACH is a new EU directive with the key aim to provide high levels of protection to human health & environment.



42-874



42-878



42-874FY



42-876
(FULLY COATED)



4131A



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KEEPING HOT HANDS COOL, DRY AND PRODUCTIVE

The new AD-APT Cooling Technology by ATG. Inspired by customer needs.

One recurring demand arises in each and every conversation we have - comfort. Today 97% 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 cm²; however, our hands have 83% more sweat glands cm² than the rest of our body. The back of our hands contains 200 sweat glands cm² whilst on the palms of our hands there are 370 cm².

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.

AD-APT® is available as **MaxiFlex®** Ultimate™ 42-874, 42-876, 42-878 and 42-874FY

Patent Nr. EP1608808

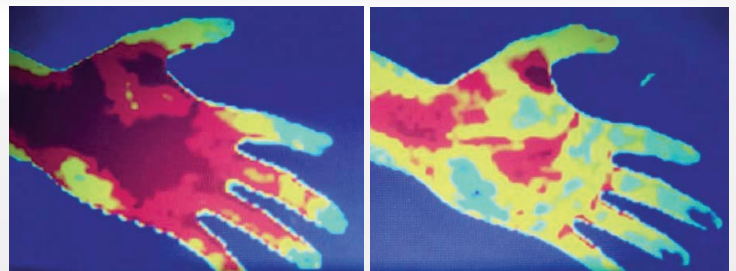


HOW IT WORKS

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 heatsensitive 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.

LET THE HANDS DO THE TALKING



Standard Glove

MaxiFlex® - with - 

Thermal Images after assembling nuts and bolts over a period of 20 min. Standard PU Glove vs MaxiFlex® with AD-APT®. MaxiFlex® with AD-APT® has 67% less hot zones and 307% more cool zones than standard glove.

