

Correctly Understanding PPE Glove Expenditure

The True Cost Beyond THE INITIAL PURCHASE

When it comes to personal protective equipment (PPE), especially gloves, many organisations focus on the initial cost for their solution. However, the real cost of gloves only become apparent when viewed over their entire service life. Although, premium gloves may carry a higher initial outlay, the long-term savings from extended durability, fewer replacements, lower procurement and shipping costs, and less downtime, greatly exceeds the initial invoice.

Think of your PPE gloves like your wardrobe, would you rather spend £5 on a T-shirt every week that drops apart in the wash, or on a £30 shirt that still looks and feels great after months of washing and wear? The same principle applies to premium PPE Gloves: they are more expensive initially, but they require far fewer replacements, produce less waste, and have a lower carbon footprint, which lowers the cost per wear.

ATG®'s MaxiFlex® range illustrates this principle perfectly. The MaxiFlex® line from ATG® is a great example of this idea. MaxiFlex® gloves offer a combination of life-cycle performance and user comfort that reduces overall glove expenditure over a budgetary period and promotes sustainable workplace practices, even though they are initially more expensive than standard alternatives.

Life-Cycle Durability CUTTING REPLACEMENT FREQUENCY

At the heart of MaxiFlex® performance is exceptional abrasion resistance. In EN 388:2016+A1 testing, MaxiFlex® achieves up to 18,000 abrasion cycles.

When tested against competitor products this was over 300% more than some items and still more than double against direct competitor MaxiFlex® copies.

This superior wear resistance means gloves remain fully protective far longer, even in harsh environments. Fewer worn-through gloves translate directly to fewer replacement orders and reduced operational interruptions.



Multiple Washes

ADD VALUE BEYOND DURABILITY

Unlike many standard gloves that deteriorate quickly after washing, MaxiFlex® gloves retain their fit, grip, and protective performance, even after multiple wash cycles at 60°C. This wash durability not only extends the usable life of each pair, but also enables the use of centralised laundry services or glove-share programmes, helping organisations lower per-user costs and reduce the volume of PPE waste generated.



CALCULATING Total Cost of Ownership

A comprehensive budgetary Analysis covers:

- ✓ **Unit price**
- ✓ **Replacement frequency**
- ✓ **Procurement and shipping expenses**
- ✓ **Downtime for mid-shift glove changes**
- ✓ **Waste disposal costs**

Despite their higher initial unit cost, MaxiFlex® gloves deliver a lower total cost of ownership. Reduced replacement frequency cuts emergency orders and stock-holding time. Minimised downtime prevents unscheduled work stoppages to swap failed gloves. Together, these savings often offset the premium price and can even deliver net budget reductions over a set budget period.

Validating Performance THROUGH WEARER TRIALS



While lab testing and technical specifications are essential indicators of glove performance, the most reliable way to assess true cost savings is by conducting a wearer trial in your own operational environment.

By trialling a high-performance glove like MaxiFlex® alongside your current solution, you can directly measure the impact of extended durability, washability, and wearer comfort under real working conditions. Over the course of a few weeks or months, glove lifespan, replacement frequency, user feedback, and downtime metrics can all be monitored to create a clear cost comparison.

This approach allows businesses to calculate actual savings, in most cases, these insights provide the evidence needed to support a long-term switch to a more cost-effective, durable glove solution, supported by data, not assumptions.

Environmental and SUSTAINABILITY BENEFITS

Extended glove lifespans provide tangible environmental gains. ATG®'s ISO 14001-certified environmental management system underpins these efforts, ensuring that every stage of MaxiFlex® production adheres to robust stewardship standards.



Conclusion INVEST IN LONG-TERM SAVINGS

When evaluating PPE glove expenditure, it's crucial to look beyond the initial purchase. By applying a life-cycle costing approach, organisations reveal the true value of premium gloves like MaxiFlex®, characterised by extended durability, fewer replacements, lower indirect costs and meaningful sustainability benefits. For businesses committed to productivity, cost efficiency and environmental responsibility, MaxiFlex® gloves represent the smartest investment in hand protection.

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