



**OPTIMUS**  
EAGLE FR

We tested six leading assemblies across four key performance criteria and Eagle Optimus came first in every category. In comparison to a leading premium assembly which is 20% heavier than Eagle Optimus, performance data demonstrates Optimus performed 20% better.

### *Endurance*

Heat stress is the greatest risk to a working firefighter's life. The **sub 500** gram lightweight assembly places less strain on the firefighter allowing optimum performance levels for longer periods of time.

### *Strength*

AGILE has been designed to give excellent protection from heat and flame. The innovative construction of densely packed yarns results in a stronger fabric with increased resistance to break-open, meaning you can remain confident that your kit will work with you to perform.

### *Abrasion Resistance*

100,000 cycles which is more than 3 times higher than most outer shell fabrics.



**AGILE**

StedAIR®  
**3000<sup>e</sup>**

**3M**





## The lightest, most flexible ever is now here. First in every Category Eagle Optimus

### *Fibre Positioning Technology*

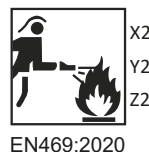
Fibres are positioned in the fabric to give optimum performance. Nomex® is on the face to give excellent abrasion and good light fastness ( Grade 6 Colour Fastness to Light) with Kevlar at back to protect against breakopen.

### *Lower risk of exposure*

Carcinogen exposure is a growing risk to modern Firefighters, and this concern was factored into the design of AGILE. The fabric is constructed with a tight gabardine weave that gives the maximum resistance to penetration of liquid chemicals. This increased protection from chemical ingress means that harmful particulates are far less likely to pass through the fabric, lowering the risk from exposure to carcinogens.

### *Durability*

It's vital that a firefighter's kit is kept free from harmful chemical residues. AGILE can withstand 100 wash cycles without losing any of its protective qualities, allowing you to keep your gear safer for longer. With 72.5% of fibres packed onto the face of the fabric, AGILE is highly resistant to abrasion and has excellent colourfastness – giving your kit a longer life.



## Certified According To



# Eagle Optimus - ultra-low weight, High Performance. 20% Lighter 20% better performance.



## *Flexibility*

The impact of the innovative fabric selection & advanced fire suit design results in increased flexibility and exceptional freedom of movement.

## *Stay looking sharp*

Designed to provide long-lasting protection, AGILE keeps the wearer looking sharp in the harshest conditions. The use of fine yarns means the garment's appearance stays fresh after washing, and the innovative construction gives the fabric a modern technical appearance with no visible grid or pattern.

## *Stedair 3000e Membrane*

Stedair 3000e is a lightweight moisture barrier which provides unparalleled protection or comfort throughout the life time of a firefighting garment. It provides inherent protection against blood borne pathogens, particulates, viruses, and chemicals whilst exhibiting unmatched breathability and heat protection.