



# HEAT PROTECTION FIREFIGHTER

FIRESHIELD

## PROXIMITY SUIT SOLUTION FIRESHIELD



EN 1486  
COMPLIANT



FIRESHIELD SERIES

RADIANT HEAT  
RESISTANCE



SUPPLENESS



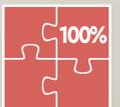
FLAME  
RESISTANCE



MULTI  
LAYERED



FULL  
SOLUTION

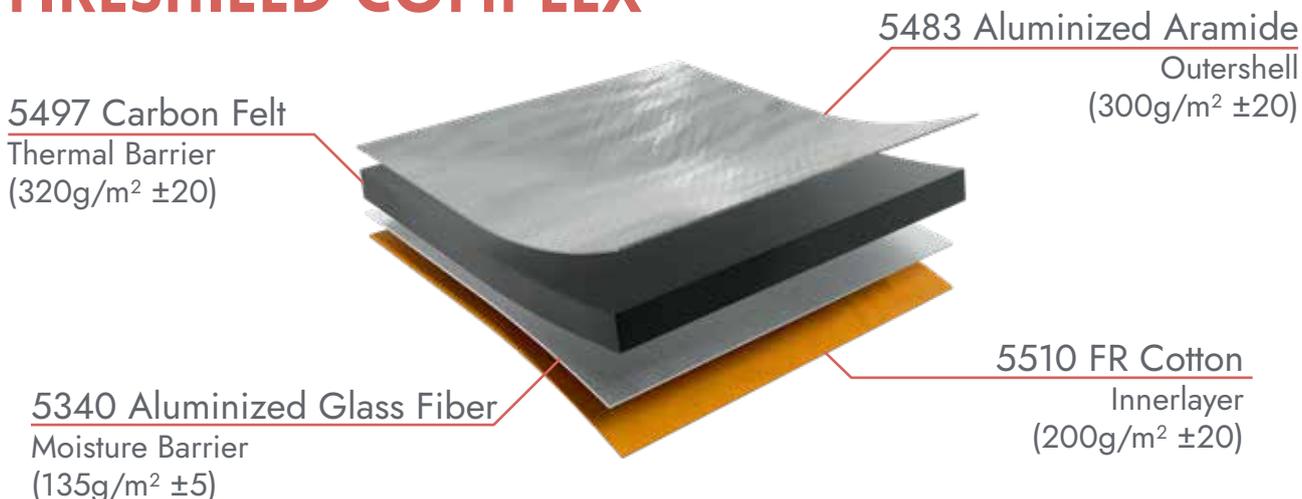




# HEAT PROTECTION FIREFIGHTER

FIRESHIELD

## FIRESHIELD COMPLEX



Fireshield, is a **complete solution for close range firefighting garment** that combine OTEGO expertise, both in heat protective fabrics and in personal protective equipment.

Fireshield is an assembly of four different textiles combined to offer the best protection against radiant heat, convective and contact heat. It has been developed especially to be used for the design of firefighting proximity suits that require the **EN1486 certification**.

### Application:

- > The outer shell (5483) is an aluminized, high temperature resistant, aramid-blended fabric that features an outstanding reflectivity and radiant heat resistance (C4 level - ISO11612), that will last long even after intensive usage thanks to our specific aluminization method.
- > The thermal barrier (5497) is an 320g/sqm carbon felt
- > The vapor barrier (5340) is an ultralight weight aluminized glass fabric (135g/sqm), that features an excellent resistance to convective heat. This high-performance lining effectively blocks the heat penetration from steam, hot air, etc, without compromising the weight of the suit.
- > The comfort layer (5510) is a 200g/m<sup>2</sup> fire retardant cotton fabric.

**OTEGO recommend FIRESHIELD for ARFF (Airport Rescue and Fire Fighting) and specialized industrial firefighters.**

### Environmental conformities

- ◆ RoHS directive 2015/863/EU
- ◆ REACH European regulation no. 1907/2006

This technical data sheet can be modified according to technical evolution.  
Please check you have the latest version. 09/2021

