

### **PRODUCT SPECIFICATION & TECHNICAL DATASHEET**

# FR77 - Modaflame Knit Hi-Vis Anti-Static FR Long Sleeve Polo Shirt

Collection: Modaflame® Range: Flame Resistant Shell Fabric: Modaflame Knit HV: 60% Modacrylic, 39% Cotton, 1% Carbon Fiber, 210g Outer Carton: 30

## **Product information**

The lightweight, modacrylic fabric together with the reflective strips provide the wearer with advanced visibility and protection in hazardous situations. Features include concealed front button opening and contrast colour on the collar and cuffs.

#### **Modaflame**®

Garments can be layered to achieve an overall Arc Thermal Performance Value (ATPV) or Energy Break open threshold (Ebt) Rating. For example, thermals may achieve an Ebt of 4.3 cal/cm2, and an outer coverall may achieve an ATPV of 13.6cal/cm2. However the combination ATPV will be greater than the sum of the two single layers, as the air gap between the two layers affords the wearer additional protection.

#### **Flame Resistant**

This industry leading flame resistant range provides multi-standard protection for hazardous environments. These state of the art products are the result of years of experience combined with advanced technology and market research. Commitment to the health, safety and comfort of the wearer can be seen in the wide range of products suitable for all climates and end uses.

# **Standards**

AS/NZS 1906.4:2010 ELIM TESTING IN PROGRESS EN 1149 -5 EN ISO 11612 (A1, B1, C1, F1) IEC 61482-2 IEC 61482-1-2 Class 1 EN ISO 20471 Class 3 ASTM F1959/F1959M-12 (EBT = 4.3 CAL/CM<sup>2</sup> (HAF = 66%)) IEC 61482-2 IEC 61482-1-2 APC 1



## Features

- Certified
- Flame resistant ribbed cuff for added safety
- Concealed button closure
- Inherent flame resistant qualities will not diminish with washing
- High cotton content for superior comfort
- Protection against radiant, convective and contact heat
- Available in sizes up to 4XL
- ARC1
- 50+ UPF rated fabric to block 98% of UV rays
- Sew on flame resistant reflective tape
- CE-CAT III



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#### **Test House**

SATRA Technology Europe Ltd (Notified Body No.: NB: 2777) Bracetown Business Park D15 YN2P, Ireland Cert No: 2777 13282 05 E00 00



### **Carton Dimensions/Weight**

Item	Colour	Len	Wid	Hgt	Weight(Kg)	Cubic(m <sup>3</sup> )	EAN13	GTIN/DUN14
FR77YERS	Yellow	55.0	36.0	53.0	0.5420	0.1049	5036108207381	25036108694154
FR77YERM	Yellow	55.0	36.0	53.0	0.5680	0.1049	5036108207374	25036108694147
FR77YERL	Yellow	55.0	36.0	53.0	0.5200	0.1049	5036108207367	25036108694130
FR77YERXL	Yellow	55.0	36.0	53.0	0.6520	0.1049	5036108207398	25036108694161
FR77YERXXL	Yellow	55.0	36.0	53.0	0.6220	0.1049	5036108207404	25036108694178
FR77YERXXXL	Yellow	55.0	36.0	53.0	0.6860	0.1049	5036108207411	25036108694185
FR77YER4XL	Yellow	55.0	36.0	53.0	0.6800	0.1049	5036108243884	25036108732283