PORTWEST

PRODUCT SPECIFICATION & TECHNICAL DATASHEET

# MX28 - Modaflame Work FR Coverall

**Collection:** Modaflame™
**Range:** Flame Resistant Multi-Norm
**Shell Fabric:** Modaflame Work: 60% Modacrylic, 39% Cotton, 1% Carbon Fibre, 280g
**Outer Carton:** 12

## Product information

The fibres used in this fabric include 60% Modacrylic, an inherently flame retardant fibre that does not combust, the fibres are difficult to ignite and will self-extinguish, providing natural flame retardancy without the need for an FR chemical treatment in the textile process. These fibres are blended with 39% cotton and 1% carbon fibre for added strength and protection against electrostatic discharge hazards.

### 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 Multi-Norm

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

EN ISO 11612 (A1+A2, B2, C1, F1)
EN ISO 11611 Class 1 (A1+A2)
EN 1149 -5
IEC 61482-2 IEC 61482-1-1 (ELIM 6.4 CAL/CM$^2$, EBT 6.8 CAL/CM$^2$)
IEC 61482-2 IEC 61482-1-2 APC 1
EN 13034 Type 6
EN 17353 Type B2
ASTM F1959/F1959M-12 (ATPV=8.4 Cal/CM$^2$ (HAF=75.8%))

## Features

- Inherent flame resistant qualities will not diminish with washing
- Protection against radiant, convective and contact heat
- Back pocket
- Rule pocket
- Quick and easy side access
- Action back for extra freedom of movement
- Triple-stitched seams for extra durability
- Concealed brass zips on chest pockets
- Hook and loop cuffs for a secure fit
- Two tier knee pad pockets allowing two positioning options
- Sew on flame resistant industrial wash tape

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# MX28 - Modaflame Work FR Coverall
# Commodity Code: 6211331000

**Test House**
SATRA Technology Europe Ltd (Notified Body No.: NB: 2777)
Bracetown Business Park
D15 YN2P, Ireland
Cert No: 2777/13293-04/E00-00

SATRA Technology Centre Ltd (Notified Body No.: AB: 0321)
SATRA Technology Park
NN16 8SD, United Kingdom
Cert No: AB0321/17278-01/E00-00

## Wash Care

## Carton Dimensions/Weight

| Item | Colour | Len | Wid | Hgt | Weight(Kg) | Cubic($m^3$) | EAN13 | GTIN/DUN14 |
|---|---|---|---|---|---|---|---|---|
| MX28ORRS | Orange | 43.0 | 28.0 | 50.0 | 1.1900 | 0.0602 | 5036108188925 | 25036108675665 |
| MX28ORRM | Orange | 43.0 | 28.0 | 50.0 | 1.2400 | 0.0602 | 5036108188918 | 25036108675658 |
| MX28ORRL | Orange | 43.0 | 28.0 | 50.0 | 1.2700 | 0.0602 | 5036108188901 | 25036108675641 |
| MX28ORRXL | Orange | 43.0 | 28.0 | 50.0 | 1.3040 | 0.0602 | 5036108188932 | 25036108675672 |
| MX28ORRXXL | Orange | 43.0 | 28.0 | 55.0 | 1.3360 | 0.0662 | 5036108188949 | 25036108675689 |
| MX28ORRXXXL | Orange | 43.0 | 28.0 | 55.0 | 1.4000 | 0.0662 | 5036108188956 | 25036108675696 |
| MX28ORR4XL | Orange | 43.0 | 28.0 | 55.0 | 1.5000 | 0.0662 | 5036108243945 | 25036108732344 |