

# TECASAFE® PLUS

Knit



## TECASAFE® PLUS KNIT 670

6.7 osy (227 gsm)

### PROFESSIONAL LOOK

A Swiss Pique knit construction delivers increased ease-of-motion while serving as a clean alternative to woven button up shirts.

### COOL, DRY, AND COMFORTABLE

Integrated wicking COOLDERM™ Technology offers enhanced moisture management to promote body temperature regulation and breathability.

### COLOR AND CONFIDENCE

Tecasafe® Plus stands up to repeated laundering and resists fading in both light shades and dark shades – thanks to TrueColor Technology.

# TECASAFE® PLUS

## Knit

| PROPERTIES                                       |  |
|--|--|
| Nominal Weight                                   | 6.7 osy (227 gsm)  |
| Woven Type                                       | Swiss Pique  |
| Fiber Content                                    | Modacrylic, Lyocell and Aramid   |
| Features   | COOLDERM™ Technology and TRUECOLOR Technology  |
| Colors Available                                 | Navy, Black, Gray, Heather Gray  |
| Compliance                                       | NFPA 2112, NFPA 70E and ASTM F1506   |
| PROTECTION                                       |  |
| NFPA 70E PPE Rating                              | Category 2   |
| Electric Arc Rating ASTM F1959                   | 8.2 cal/cm <sup>2</sup>  |
| Predicted Body Burn ASTM 1930                    |  |
| 3 Seconds  | 12%  |
| 4 seconds  | 33%  |
| Thermal Protective Performance ASTM F2700        |  |
| With Spacer                                      | 11.0 cal/cm <sup>2</sup>   |
| Without Spacer                                   | 7.0 cal/cm <sup>2</sup>  |
| Flame Resistance ASTM 6413, NFPA 2112            |  |
| Before Laundering                                | < 10.0 cm  |
| After Flame                                      | < 2 Sec  |
| Flame Spread ISO 15025:2000                      |  |
| Face Ignition PROCEDURE A                        | No hole formation, No molten or flaming. No afterglow.<br>No molten or flaming debris. No after flame. Afterglow did not spread. |
| Edge Ignition PROCEDURE B, Folded Edge           |  |
| Heat Resistance                                  |  |
| ISO 17493:2000 at 260°C, 5 minutes               | < 10.0 %   |
| FABRIC STRENGTH                                  |  |
| Ball Burst ASTM 3787                             | 400 N  |
| COMFORT & APPEARANCE**                           |  |
| Dimensional Change ISO 5077:1984                 | < 5.0 %  |
| Pilling Resistance                               | 5  |
| ASTM 3512, Ratings: 5 Best, 3 Acceptable, 1 Poor |  |
| Air Permeability ASTM 3787                       | 135 cm <sup>3</sup> /cm <sup>2</sup> /min  |
| SunSHIELD™ UV Protection                         | 50+ UPF  |

All values subject to final certification and specification.

\*\* Tested on specific colors.

### STANDARD COLORS



### OPTIONAL COLORS

TenCate Protective Fabric, the world's textile dyeing expert, can produce almost every color with a minimum quantity of 3000 yards. Smaller quantities can be ordered, subject to a surcharge. For more information, please contact TenCate Protective Fabrics.