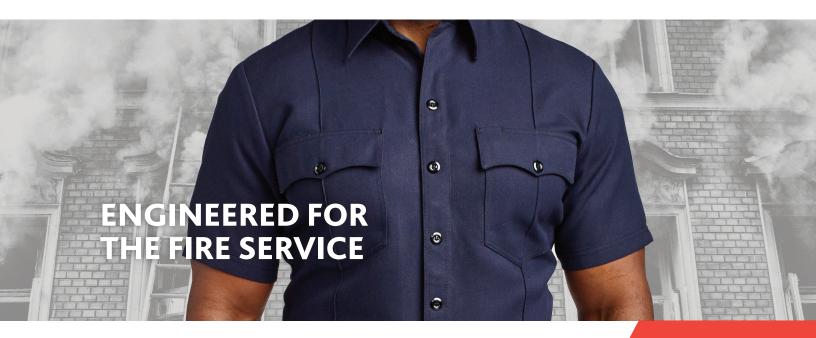
TECASAFE®PLUS Stationwear



Tecasafe®Plus 700

COLOR AND CONFIDENCE

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

COOL, DRY, AND COMFORTABLE

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

MULTI-RISK PROTECTION

Certified to NFPA 1975 and 1977, Tecasafe® Plus offers firefighters protection in a wide range of environments.



TECASAFE®PLUS Stationwear

| TECHNICAL DATA* | | TECASAFE®PLUS 700 | | |
|------------------------------------|---------------------|-----------------------------|--|--|
| Nominal Weight | | 7.4 osy (251 gsm) | | |
| Construction | | Woven | | |
| Color | | Navy, Spruce, Black | | |
| Fiber Content | | Modacrylic, Lyocell, Aramid | | |
| Certification(s) | | NFPA 1975, NFPA 1977 | | |
| | | | | |
| Thermal Testing (Flame Resistance) | | | | |
| Manikin Burn NFPA 2112 | Predicted Body Burn | Pass | | |
| Arc Thermal Protective Rating | ATPV Rating | 11 cal/cm ² | | |

| Thermal Testing (Flame Resistance) | | | | |
|---|-----------------------------------|-------------|------------------------|--|
| Manikin Burn NFPA 2112 | Predicted Body Burn | | Pass | |
| Arc Thermal Protective Rating (ATPV)NFPA 70E, ASTM 1959 | ATPV Rating | | 11 cal/cm ² | |
| | PPE Category | | Category 2 | |
| Vertical Flame ASTM 6413, NFPA 2112 | Initial and 100x after wash | After flame | < 2.0 sec | |
| | | Char length | < 4.0 in (100 mm) | |
| Thermal Shrinkage NFPA 2112 | Initial and 3x after wash | | < 10 % | |

| Physical Testing Physic | | | |
|--|-----------------------|----------------------------|--|
| Tensile Strength ASTM D5043 | Initial (warp x fill) | 140 x 85 lbf (623 x 378 N) | |
| Elmendorf Tear ASTM D1424 | Initial (warp x fill) | 10 x 8 lbf (44 x 36 N) | |
| Dimensional Stability AATCC 135 | | < 4.0 % | |
| Seam Strength ASTM D434, Force at 0.25 in slippage | | 40 lbf (179 N) | |

| Comfort | |
|---|----------------|
| Air Permeability ASTM D737 | 53 ft²/ft³/min |
| Appearance *Score 5 (best) to 1 (Worst) | |

| Appearance "Score's (best) to I (worst) | | |
|---|----------------------------|-------------|
| Color Fastness Laundering | Shade Change (AATCC 61 2A) | Up to 3-4 * |
| Xenon Light Exposure AATCC 16 | After 20 Hours | Up to 5 * |
| Pilling Resistance ASTM D3512 | Initial: 60 min | Up to 4 * |

 $^{{}^*\,\}text{All values subject to final certification and specification}. \text{Tested on specific colors}. \text{Appearance is dependent on shade of fabric}.$

AVAILABLE COLORS

Nav

Spruce

Black







All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics declines any form of liability related to the use of the attached specimen that shall be regarded as a sample only and therefore not meant to be used in any form of garment making.