

TECASAFE® PLUS

TrueColor™



**THE SAME GREAT
COLOR EVERY TIME
YOU PUT IT ON**

Tecasafe® Plus 850 TrueColor™

BEST COLORFASTNESS AVAILABLE IN THE MARKET

Stands up to repeated laundering without fading or heathering. The color you put on the first time is the color you put on every time.

ALL THE ADVANTAGES OF COOLDERM™ TECHNOLOGY

Active moisture wicking ensures quicker drying time to keep sweat away from the skin. Stay cooler and drier on the job.

INHERENT FR PROTECTION FORM A NAME YOU KNOW AND TRUST

Tecasafe® Plus has been time-tested in the market for over a decade. It stands up to tough conditions and delivers outstanding FR protection in an inherent blend.

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TrueColor™

| TECHNICAL DATA * | | TENCATE TECASAFE® PLUS 850 TRUECOLOR™ | |
|---|--|---|------------------|
| Nominal Weight | 8.5 osy (290 gsm) | | |
| Construction | Woven (Twill) | | |
| Colors | Navy | | |
| Made in America | Yes | | |
| Fiber Content | Modacrylic, Lyocell, Aramid | | |
| Certification(s) | NFPA 2112, NFPA 1975, ASTM 1506 | | |
| Thermal Testing (Flame Resistance) | | | |
| Manikin Burn NFPA 2112 | Predicted Body Burn | Pass | |
| Arc Thermal Performance Value NFPA 70E, ASTM 1959 | ATPV Rating | 12.0 cal/cm ² — PPE Category 2 | |
| Vertical Flame ASTM 6413, NFPA 2112 | Initial and 100x after wash | After flame | < 2.0 sec |
| | | Char length | < 4.0 in (100mm) |
| Thermal Shrinkage NFPA 2112 | Initial and 3x after wash | < 10 % | |
| Physical Testing | | | |
| Tensile Strength ASTM D5034, warp x fill | 145 x 90 lbf (645 x 400 N) | | |
| Elmendorf Tear ASTM D1424, warp x fill | 10.0 x 8.0 lbf (45 x 35 N) | | |
| Dimensional Stability AATCC 135 | < 4.0 % | | |
| Seam Strength ASTM D434, Force at 0.25 in slippage | 50 lbf (223 N) | | |
| Comfort | | | |
| Air Permeability ASTM D737 | 39 ft ³ /ft ² /min | | |
| Appearance Score 5 (Best) to 1 (Worst) | | | |
| Color Fastness Laundering (AATCC 61 2A) | Shade Change | Up to 4 - 5 * | |
| Xenon Light Exposure AATCC 16 | After 20 hours | Up to 4 - 5 * | |
| Pilling Resistance ASTM D3512 | Initial: 60 min | Up to 5 * | |

* All values subject to final certification and specification. Tested on specific colors. Appearance is dependent on shade of fabric,ade of fabric.

| AVAILABLE COLORS | OPTIONAL COLORS |
|------------------|--|
| [Navy] | TenCate Protective Fabrics, 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. |

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.