



The Pioneer® Hi-Vis Orange FR-Tech® 88/12 Safety Cargo Pants are made with Fr-Tech® 88% premium cotton material blended with 12% high-tenacity nylon, providing long-lasting protection and breathability. Multiple cargo pockets to accommodate essential field gear and outfitted with StarTech® reflective tape for enhanced visibility in low-light conditions.

- Material Sewn with aramid inherently FR thread, these high-viz orange cargo work pants are made from 88% premium cotton material blended with 12% high-tenacity nylon, providing long-lasting value and breathability
- Design The durable fabric is double-stitched with StarTech® FR reflective tape to enhance visibility in low-light conditions and are designed with flame resistance guaranteed for the life of the garment
- Features Constructed with a FR brass zipper for adjustability, the FR-Tech® workwear has 2 front, 2 back, and 2 cargo utility pockets with flaps. Additionally, all components and material meet CGSB 155.20-2017 and NFPA 2112-2018 certified to UL
- Certification With an ARC 2 rating, an ATPV of 10 cal/cm² and thermal protective performance value of 9 cal/cm², these pants meet CSA Z96-15 Class 3 Level 2 and Class 3 Level FR when worn with Class 2 Level 2 and Class 2 Level FR top





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2/3

TECHNICAL SPECIFICATIONS

Attributes Certification	Fire Resistant CSA Z96-22 Class 3 Level 2 when worn with Class 2 Level 2 top featuring arm bands, CSA Z96-15 Class 3 Level 2
Closure Type Colour	Zipper Orange, Hi-Viz Orange, Bright
Fabric Type	Orange Twill
FR/ARC Standards	ARC 2 ATPV 10 cal/cm² ASTM F1506-2018 CGSB 155.20-2017 NFPA 2112-2018 Certified to UL NFPA 70E-2018 TPP 9 cal/cm² CSA Z462-2018, ARC 2 ATPV 10 cal/cm² ASTM F1506-20A CGSB 155.20-2017 NFPA 70E-2021 TPP 9 cal/cm² CSA Z462-2021, ARC 2 ASTM F1506-20A CGSB 155.20-2017 NFPA 70E-2021 TPP 9 cal/cm² CSA Z462-2021, ARC 2 ASTM F1506-20A ATPV 10 cal/cm² CSA Z462-21 NFPA 70E-2021, NFPA 70E-2021, ARC 2 ASTM F1506-20A ATPV 10 cal/cm² CSA Z462-221 NFPA 70E-2017 NFPA 70E-2017 NFPA 70E-2017 NFPA 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021, 70E-2021
	TPP 8.4 cal/cm ²
Gender Material	Men FR-Tech® 88/12 Cotton/Nylon
Material Thickness	7 oz (230 GSM), 7 oz (240 GSM)
Number of Pockets	6
Pocket Type	Back with Flap Front Slash Side Cargo
Reflective Tape	4" Double-Stitched StarTech®



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Size Special Features StarTech®, 4" Double-Stitched StarTech® 30X32 Belt Loops, Belt Loops| Multiple Pockets

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