



***50189Y Specifications  
Pant, Yellow Nomex***

**I. Material and Components**

- A. Springfield L L C. (UL Recognized QGVD2.MH15208)
  - 1. Nomex 6 oz. UL6531 Synergy 3A, Dye 30122Q Safety Yellow
- B. YKK (U.S.A.) Inc. (UL Recognized QGVD2.MH15184)
  - 1. Hook and Loop 1" FR Nylon, Black
    - a. Meet requirements of A-A-55126, Fastener Tapes, Hook and Pile, Synthetic
  - 2. Brass Zippers with Nomex tape styles MGM, Black
    - a. Meet requirements of V-F-106F, *Fasteners, Slide Interlocking*
- C. Saunders Thread, Co. (UL Recognized, QGVD2.MH14954)
  - 1. Thread Spun Kevlar, Tex 70, Natural
    - a. Made of inherently flame resistant fiber
  - 2. Thread Spun Nomex, Tex 70, Fire Yellow
    - a. Made of inherently flame resistant fiber
- D. 3M, Co. (UL Recognized, QGVG2.MH14882)
  - 1. Optional Reflective 3" Trim Scotchlite, LY/Silver/LY or RO/Silver/RO
- E. John Howard, Co.
  - 1. Elastic, 2" Black
- F. Stimpson Co., Inc.
  - 1. Brass Snaps
    - a. Meet requirements of MS 27980F, *Fasteners, Snap, Style 2*, of Fasteners, Snap, MIL-F-10884G

**II. Construction**

- A. Manufactured in the U.S.A.
- B. All stitching is a minimum of 6 ½ stitches per inch
- C. Major seam allowance of minimum ¾" and minor seam allowance of minimum ¼"
- D. All seams double stitched
- E. All zippers reinforced with triple stitches and interior zipper flaps.
- F. Outer leg seams, pocket flaps, reinforced knees, fly and crotch double top stitched
- G. Pockets, pocket flaps, belt loops, fly and crotch bar tacked

**III. Design**

- A. All measurements are in accordance with the minimum sizing requirements of NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting 2005 Edition
  - 1. Full cut to allow freedom of movement in all aspects
  - 2. Available in even numbered waist sizes 28 through 56 and even numbered leg lengths 28 through 36
- B. All design requirements comply with NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting 2005 Edition
  - 1. 2" elastic waistband with five belt loops
  - 2. Velcro storm flap fly with snap, 4" at beltline tapering to 1" at crotch
  - 3. Bellow pockets 6" x 9" x 2" with hook and loop closure on flaps
  - 4. Back pockets with hook and loop closure on flaps
  - 5. Reinforced knees
  - 6. 12" zipper and snap fastener on lower outside leg for ease of donning over boots



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7. Interior zipper flap to prevent direct contact with the wearer's body
  8. Leg cuffs have closure system with adjustable Velcro, providing a snug fit around the ankle while wearing boots
- C. Optional features
1. 3" Scotchlite Triple Trim in fluorescent yellow/silver/yellow or fluorescent orange/silver/orange around both legs

**IV. Labeling**

A. Sew in labeling

1. Following statement is printed on label:  
"THIS WILDLAND FIRE-FIGHTING PROTECTIVE GARMENT MEETS THE GARMENT REQUIREMENT OF NFPA 1977, STANDARD ON PROTECTIVE CLOTHING AND EQUIPMENT FOR WILDLAND FIRE FIGHTING 2005 EDITION."
2. Manufacturer's name, address and country of manufacture
3. Manufacturer's garment style, identification number, size and lot number
4. Month and year of manufacture
5. Garment materials and percent content
6. Cleaning precautions
7. Following statement is printed on label:  
"DO NOT REMOVE THIS LABEL"

B. Hangtag labeling

1. Pre use information
2. Preparation for use
3. Inspection
4. Donning and doffing
5. Following statement is printed on label:  
*Proper use consistent with NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, and Title 29, Code of Federal Regulations, Part 1910.132, "Personal Protective Equipment"*
6. Maintenance and cleaning
7. Disposal



CASCADE FIRE EQUIPMENT COMPANY  
REGISTERED TO ISO9001:2000  
FILE NUMBER A12427

Our facility has been Registered by Underwriters Laboratories Inc. to the International Organization for Standardization ISO 9000 Series Standards for Quality.