



DEPARTMENT OF FORESTRY AND FIRE PROTECTION  
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(916) 653-7772  
Website: [www.fire.ca.gov](http://www.fire.ca.gov)



## Request for Information

Date: October 14<sup>th</sup>, 2026

Enclosed is a Request for Information (RFI) Package, #7PA6F00031 for Structural Firefighting Protective Ensemble, Turnout Coat and Pant Moisture Barrier Fabrics. Please refer to the attached specification pages for the California Department of Forestry and Fire Protection's (CAL FIRE's) Structural Firefighting Hazard Risk Assessment (HRA).

Please submit the documents identified below with your response:

- Underwriters Laboratory (UL) Certified Letter per the specifications.
- Manufacturer Literature and Specifications, if available.

Please submit your response by **3:00pm** on **October 28<sup>th</sup>, 2026**, via email to [andrew.perez@fire.ca.gov](mailto:andrew.perez@fire.ca.gov) and [hannah.billows@fire.ca.gov](mailto:hannah.billows@fire.ca.gov).

Thank you and CAL FIRE looks forward to your response.

Andrew Perez  
Supervisor I  
**CAL FIRE**  
Business Services Office  
E-Mail: [andrew.perez@fire.ca.gov](mailto:andrew.perez@fire.ca.gov)

**Structural Firefighting Protective Ensemble**  
**Turnout Coat and Pants Moisture Barrier Fabric**  
**RFI # 7PA6F00031**

**SCOPE**

These specifications for the Structural Firefighting Protective Ensemble, Turnout Coat and Pant Moisture Barrier Fabrics will be needed to facilitate the duties of CAL FIRE employees participating in duties emergency response duties. Currently, CAL FIRE is not soliciting design requirements or pricing and instead is soliciting information regarding fabric compositions.

**SPECIFICATIONS**

In order to meet the needs of CAL FIRE's needs regarding the Moisture Barrier Fabric, the following specifications and requested files must be met:

- I. Moisture Barrier fabrics must be compatible with the following:
  - a. Outer Shell (at least one of the below)
    - i. PBI Flex 7 6.9oz – Manufacturer: Tencate
    - ii. PBI Max 7oz. – Manufacturer: Safety Components
  - b. Thermal Liner (at least one of the below)
    - i. Titanium SL2i – Manufacture: Tencate
    - ii. Glide Ice 2Layer – Manufacturer: Safety Components
    - iii. Glide Ice 1Layer with Center Cut – Manufacturer: Safety Components
- II. When combined with the fabric(s) above, the combination must have the following protective performance properties, as validated by an Underwriters Laboratory (UL) Certified Letter.
  - a. Total Heat Loss (THL) Minimum Rating of 270
    - i. NFPA recognizes that there is a variance between test results, so CAL FIRE will accept a five percent variance on the minimum THL. This allows for a minimum THL of 256.5 to be considered acceptable.
  - b. Thermal Protective Performance (TPP) Minimum Rating of 40
    - i. NFPA recognizes that there is a variance between test results, so CAL FIRE will accept a five percent variance on the minimum TPP. This allows for a minimum TPP of 38 to be considered acceptable.
  - c. Evaporative Resistance (RET) Maximum Rating of 35
    - i. There is no variance allowed to exceed this maximum.
- III. If the fabric contains PFAS, please provide any technical data regarding the type and/or level of PFAS in the fabric. If the fabric does not contain PFAS, please indicate that in the response provided.
- IV. In addition to the UL certified letter, please provide CAL FIRE with any additional information or technical data regarding the fabric and its performance properties.

**INQUIRES/ QUESTIONS**

Written questions, comments, and concerns must be submitted to [andrew.perez@fire.ca.gov](mailto:andrew.perez@fire.ca.gov) and received by before the end of the RFI advertising period. This will allow our Safety section to review and discuss with requestors directly. CAL FIRE's response to all written questions, comments or concerns will be provided to interested parties that respond to this RFI.

Submitted by (Signature): \_\_\_\_\_ Date: \_\_\_\_\_

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|-------------------|--|
| Name (Print):     |  |
| Title:            |  |
| Company Name:     |  |
| Company Address:  |  |
| Telephone Number: |  |
| Email Address:    |  |