

## 1. Scope

This material standard covers the general requirements for manufacturing and supplying all of the District's Flame-Resistant (FR) Clothing Accessories.

## 2. Reference Standards

Where applicable and unless otherwise stated in this specification, garments shall comply with the latest revision of District Material Standard FRCLOTHMAT.

## 3. FR Beanie

### 3.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated.

### 3.2 Construction

Beanies shall be designed to be worn by themselves or beneath a hard hat.

### 3.3 Ratings

Beanies shall have a minimum rating of HRC-2 and an Arc Thermal Performance Value (ATPV) of at least 15 cal/cm<sup>2</sup>.

### 3.4 District Catalog Identification Numbers

The requirements above correspond to the following District Material Master ID's:  
**5000563** FR BEANIE

## 4. FR Bra

### 4.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated.

### 4.2 Construction

Bras shall be designed with a stretchable, breathable, moisture wicking, antimicrobial, FR material and be constructed to reduce binding. Bras shall have tagless labeling.

### 4.3 Ratings

Bras shall have a minimum rating of HRC-1 and an Arc Thermal Performance Value (ATPV) of at least 4.0 cal/cm<sup>2</sup>.

## 4.4 District Catalog Identification Numbers

The requirements above correspond to the following District Material Master ID's:

**5000564** FR BRA

## 5. FR Baselayer Short-Sleeve Shirt

### 5.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated.

### 5.2 Construction

Base layer Short-Sleeve Shirts shall be designed with a stretchable, breathable, moisture wicking, antimicrobial, FR material and be constructed to reduce binding. Base layer Short-Sleeve Shirts shall have tagless labeling. Base layer Short-Sleeve Shirts do NOT require identification with PUD embroidered logo.

### 5.3 Ratings

Base layer Short-Sleeve Shirts shall have a minimum rating of HRC-1 and an Arc Thermal Performance Value (ATPV) of at least 4.0 cal/cm<sup>2</sup>.

### 5.4 District Catalog Identification Numbers

The requirements above correspond to the following District Material Master ID's:

**5000565** FR SHIRT BASELAYER SHORT-SLEEVE

## 6. FR Baselayer Pant

### 6.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated.

### 6.2 Construction

Base layer Pants shall be designed with a stretchable, breathable, moisture wicking, FR material that will maximize warmth and be constructed to reduce binding. Base layer Pants shall have tagless labeling.

### 6.3 Ratings

Base layer Pants shall have a minimum rating of HRC-2 and an Arc Thermal Performance Value (ATPV) of at least 15 cal/cm<sup>2</sup>.

### 6.4 District Catalog Identification Numbers

The requirements above correspond to the following District Material Master ID's:

**5000566** FR PANT BASELAYER