

1. Scope

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

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 Shirt Jacket Sweatshirt

3.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated. All closures, zippers, tapes, draw cords, snaps and buttons used shall be FR rated and arc-resistant. Material shall be water and wind resistant.

3.2 Construction

Shirt Jackets shall have an inner lining, include a shirt style collar, and a full-zip design.

3.3 Ratings

Shirt Jackets shall have a minimum rating of HRC-3 and an Arc Thermal Performance Value (ATPV) of at least 33 cal/cm².

3.4 District Material Identification Numbers

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

5000543 FR SWEATSHIRT SHIRT JACKET

4. FR 1/4-Zip Sweatshirt

4.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated. All closures, zippers, tapes, draw cords, snaps and buttons used shall be FR rated and arc-resistant. Material shall be water and wind resistant.

4.2 Construction

1/4-Zip Sweatshirts shall include a stand-up style collar and 1/4-zip design.

4.3 Ratings

1/4-Zip Sweatshirts shall have a minimum rating of HRC-2 and an Arc Thermal Performance Value (ATPV) of at least 15 cal/cm².

4.4 District Material Identification Numbers

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

5000544 FR SWEATSHIRT 1/4-ZIP

5. FR Zip-Up Hooded Sweatshirt

5.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated. All closures, zippers, tapes, draw cords, snaps and buttons used shall be FR rated and arc-resistant. Material shall be water and wind resistant.

5.2 Construction

Zip-Up Hooded Sweatshirts shall have a full-zip, with an oversized hood designed to fit over a hardhat.

5.3 Ratings

Zip-Up Hooded Sweatshirts shall have a minimum rating of HRC-2 and an Arc Thermal Performance Value (ATPV) of at least 17 cal/cm².

5.4 District Material Identification Numbers

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

5000545 FR SWEATSHIRT HOODED ZIP-UP

6. FR Pullover Hooded Sweatshirt

6.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated. All closures, zippers, tapes, draw cords, snaps and buttons used shall be FR rated and arc-resistant. Material shall be water and wind resistant.

6.2 Construction

Pullover Hooded Sweatshirts shall have an oversized hood designed to fit over a hardhat.

6.3 Ratings

Pullover Hooded Sweatshirts shall have a minimum rating of HRC-2 and an Arc Thermal Performance Value (ATPV) of at least 16 cal/cm².

6.4 District Material Identification Numbers

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

5000546 FR SWEATSHIRT HOODED PULLOVER

7. FR Crew-Neck Sweatshirt

7.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated. All closures, zippers, tapes, draw cords, snaps and buttons used shall be FR rated and arc-resistant. Material shall be water and wind resistant.

7.2 Construction

Crew-Neck Sweatshirts shall have a crew-neck design.

7.3 Ratings

Crew-Neck Sweatshirts shall have a minimum rating of HRC-2 and an Arc Thermal Performance Value (ATPV) of at least 21 cal/cm².

7.4 District Material Identification Numbers

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

5000547 FR SWEATSHIRT CREW-NECK

8. FR Insulated Zip-Up Hooded Sweatshirt

8.1 Material

All materials used shall meet NFPA 70E standard, latest revision. All thread used shall be FR rated. All closures, zippers, tapes, draw cords, snaps and buttons used shall be FR rated and arc-resistant. Material shall be water and wind resistant and maximize warmth.

8.2 Construction

Insulated Zip-Up Hooded Sweatshirts shall be lined, have a full-zip, with an oversized hood designed to fit over a hardhat.

8.3 Ratings

Insulated Zip-Up Hooded Sweatshirts shall have a minimum rating of HRC-4 and an Arc Thermal Performance Value (ATPV) of at least 44 cal/cm².

8.4 District Material Identification Numbers

The requirements above correspond to the following District Material Master ID's:
5000548 FR SWEATSHIRT INSULATED HOODED ZIP-UP