



35" Front



30" Front

1. Scope

This specification covers the requirements for the District's Flame-Resistant Rain jackets.

2. Reference Standards

Unless otherwise stated in this specification, the jackets shall comply with the latest revisions of the following Standards:

Industry Standards

AATCC 22 Water Repellency

AATCC 35 Water Resistance

AATCC 127 Hydrostatic Pressure

AATCC 8, 15, 61, 107, 133 Color Fastness

ANSI/ISEA 107 American National Standard for High-Visibility Safety Apparel and Head-wear

ASTM F1868 Standard Test Method for Thermal and Evaporative Resistance of Clothing Materials Using a Sweating Hot

Plate

ASTM F1506 Standard Performance Specification for Flame Resistant Textile Material for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards

ASTM F1891 Standard Specification for Arc and Flame Resistant Rain-wear

ASTM F1959 Standard Test Method for Determining the Arc Rating of Materials for Clothing

ASTM F1930 Standard Test Method for Evaluation of Flame Resistant Clothing for Protection Against Flash Fire using an Instrumented Mannequin

ASTM F2733 Standard Specification for Flame Resistant Rain-wear for Protection Against Flame Hazards

ASTM E96 / E96M Standard Test Methods for Water Vapor Transmission of Materials (Breathability)

ASTM E1164 Color Determination (After 40X Xenon)

NFPA 70E Standard for Electrical Safety in the Workplace

3. General Requirements

Jackets shall be in compliance with Performance Class 3 high visibility background and retro-reflective material standards as listed in the latest revision of ANSI/ISEA 107.

3.1 Color

The jacket shall be Hi-Viz Yellow/ Black in color.

3.2 Fabric

The fabric shall be an 8.3 oz, fast drying, lightweight, breathable, waterproof, and wind resistant GORE PYRAD fabric technology. Fabric shall be Fire Resistant in compliance with referenced NFPA and ASTM standards. The jacket shall include a D-ring access for a fall protection harness. A hanger loop shall be sewn in on the interior of the back neckline.

3.3 Length

The jacket shall be 35" or 30" long as specified at time of order.

3.4 Alterations

Alterations shall be defined as Short, Double-Short, Tall, and Double-Tall.

Short sizes will shorten sleeve length by 1.5" and the hem length by 3". Double-Short sizes will shorten sleeve length by 3" and the hem length by 6". Tall sizes will add 1.5" to the sleeve length and 3" to the hem length.

Double-Tall sizes will add 3" to the sleeve length and 6" to the hem length.

The manufacturer shall alter jackets based on District specifications provided at the time of order.

3.5 Closure

The jacket shall have a covered zip front closure with zipper pull, full length triple storm flap, and a Velcro closure to secure flap. The 35" jacket shall have a 2-way YKK heavy duty zipper. The 30" jacket shall have a 1-way YKK heavy duty zipper. Each jacket cuff shall have adjustment straps that are secured with a Velcro closure. The 30" jacket shall have drawstring cord locks at the bottom hem to allow waist to be adjusted.

3.6 Pockets

The 35" jacket shall have 2 front pockets on each front hip. Each pocket shall include a top flap with a hook and loop closure. The 35" and 30" jacket shall both include 2 fleece lined hand warmer pockets on each side of the jacket.

3.7 Retro-reflective Film

The 35" jacket shall have 2" segmented silver retro-reflective film strips made of 3M Scotchlite FR segmented silver reflective trim around the chest front and back harness style, around the hip front and back along bottom of jacket, vertically down front zipper flap from collar to hip, and around each arm at elbow.

The 30" jacket shall have 2" segmented silver retro-reflective film strips made of 3M Scotchlite FR segmented silver reflective trim around the chest front and back harness style, vertically down front zipper flap from collar to hip, and around each arm at elbow.

3.8 Hood

The jacket shall have an optional detachable hood which secures to the jacket by a YKK heavy-duty zipper located around the collar of the jacket. The optional hood will be included as specified at time of order.

3.9 Identification

The jacket shall have 1, water and UV resistant, District logo heat-applied to the back of the jacket on the black fabric. The logo shall be approximately 3" in height and 8" in width. The logo shall be reflective silver in color.

The logo shall be centered below the mid-back hem, just below the NSA FR Diamond.

The jacket shall have 1, water and UV resistant, employee name heat-applied to the left chest of the jacket.

The name shall be no more than 4" wide. The typeface shall be a black, block style font that is clearly legible.

Characters shall be no taller than 3/4" each and a proof drawing of the font style shall be provided prior to the time of application for District approval. A list of names will be provided to the manufacturer at the time of order.

3.10 Care Labeling

Jacket shall have care marking and laundry labeling in compliance with ASTM Labeling Requirements and Items 10 and 11 of ANSI/ISEA 107 sewn into the underside of top flap on one of the pockets or inside the front lower left or right side of the zipper closure.

4. Material ID Numbers

This specification applies to the following District Material ID Numbers:

35" Raingear Jacket			30" Raingear Jacket	
Material ID	Size		Material ID	Size
5000341	SM		500377	SM
5000411	SM Short		500425	SM Short
5000412	SM Tall		500426	SM Tall
5000343	MD		500378	MD
5000413	MD Short		500427	MD Short
5000414	MD Tall		500493	MD Double Short
5000344	LG		500428	MD Tall
5000415	LG Short		500379	LG
5000416	LG Tall		500429	LG Short
5000373	XL		500351	LG Tall
5000417	XL Short		500380	XL
5000491	XL Double Short		500352	XL Short
5000418	XL Tall		500353	XL Tall
5000374	2X		500383	2X
5000419	2X Short		500354	2X Short
5000482	2X Double Short		500355	2X Tall
5000420	2X Tall		500384	3X
5000375	3X		500356	3X Short
5000421	3X Short		500357	3X Tall
5000422	3X Tall		500385	4X
5000376	4X		500358	4X Short
5000423	4X Short		500359	4X Tall
5000424	4X Tall			

5. Packaging

Each jacket shall be individually packaged in a clear plastic bag with size labeling shown for shipping and storage.