
FR RAINWEAR GUIDE

FLAME-RESISTANT &
ARC-RATED RAINWEAR
FOR DEMANDING
WORK ENVIRONMENTS.



NASCO

NSA 

800.553.0672 | THINKNSA.COM | CUSTOMERSERVICE@THINKNSA.COM



INTRODUCTION TO FR RAINWEAR

When storms move in and conditions become more demanding, workers should not have to compromise the protection, visibility, or performance required for the job.

DRIFIRE® and NASCO offer FR and arc-rated rainwear systems designed for workers facing heavy rain, changing weather, and demanding jobsite conditions.

The portfolio combines wet-weather protection with options for arc flash, flash fire, high visibility, mobility, breathability, and long-term durability.

TABLE OF CONTENTS:

INTRODUCTION	pg 2-3
HYDROLITE 2.0	pg 4
DUOSTORM	pg 5
ARCJOULE™	pg 6
SENTINEL™	pg 7
ARCLITE AIR™	pg 8
ARCLITE™	pg 9
COMPARISON GUIDE	pg 10
FEATURES AT A GLANCE	pg 11



UNDERSTANDING HIGH-VISIBILITY CLASSES



DRIFIRE® and NASCO offer a range of Class 2, Class 3, and Class E safety options to ensure that workers have the right gear for every situation.

CLASS 2

Class 2 garments are recommended for environments with moderate traffic and some exposure to machinery. These garments are typically identified by one row of reflective trim on the chest and arms/shoulders. They also notably do not require having sleeves, so oftentimes a hi-vis vest will fit into this class rating.

CLASS 3

Class 3 garments provide the highest level of visibility and are intended for work involving greater visibility hazards, such as higher traffic speeds, dark environments, or adverse weather conditions. They provide additional coverage on the arms or legs and use reflective trim that is at least 2 inches (50 mm) wide. Required material amounts and trim placement vary by garment design.

CLASS E

Class E garments are considered to be a supplemental class. When worn on their own, they do not meet the requirements of any ANSI class. However, when paired with an ANSI Class 2 garment, it will elevate the ensemble to meet Class 3 standards, enhancing visibility and safety in hazardous environments. Garments such as bib overalls and leg gaiters will often fit into this class.



DRIFIRE® HYDROLITE 2.0

Engineered for demanding weather conditions, the DRIFIRE® HYDROLite 2.0 combines a 31 cal/cm² arc rating with lightweight, breathable, waterproof performance. Its 3-layer GORE-TEX PYRAD® construction helps deliver protection, comfort, and mobility when conditions turn severe.

STORM-SHOWER TESTED

Tested to withstand an intense, one-hour storm shower for dependable waterproof performance.

QUICK-DRYING PERFORMANCE

Fast-drying, lightweight, and breathable FR fabric.

SAFETY-READY DESIGN

Covered D-ring access accommodates fall protection systems.

SECURE STORAGE

Hook-and-loop front pockets and front bib pocket keep essentials within reach.

ARC RATING: 31 cal/cm² | CAT 3

COMPLIANT WITH: ANSI/ISEA 107 Type R Class 3, ASTM F1891, ASTM F2733, CSA Z462, NFPA® 70E, OSHA 1910.269

MATERIAL: 8.3 oz. 3-Layer GORE-TEX PYRAD® Fabric

SIZES: SM-3X, RG

HYDROLITE 2.0



SCAN FOR SPEC SHEET AND WARRANTY GUIDE

Full construction details, compliance information, and warranty information available via spec sheet.

HYDRO2BIB-YB

(Bib)



HYDRO2JACK-YB

(Jacket)



COVERED ZIP CLOSURE

For convenient on/off while staying protected

ENHANCED VISIBILITY

FR 3M™ Scotchlite™
Reflective Comfort Trim



DRIFIRE® FR DUOSTORM

Engineered for demanding foul-weather work, the DRIFIRE® FR DuoStorm combines a 30 cal/cm² arc rating with lightweight, breathable, and waterproof performance. Its durable 2-layer GORE-TEX PYRAD® construction helps provide protection from rain and wind without adding unnecessary bulk or restricting movement.

WEATHER-READY PERFORMANCE

Waterproof, windproof, and breathable construction with 3X less water pickup than traditional rain wear.

JOB-READY FIT

An angled jacket hem helps reduce snagging, while the low-profile collar minimizes chafing.

INCREASED MOBILITY

A high-waisted elastic back and flexible, quick-release suspenders move with the wearer and accommodate layered garments.

SECURE STORAGE

Hook-and-loop front pockets and front bib pocket keep essentials within reach.

ARC RATING: 30 cal/cm² | CAT 3

COMPLIANT WITH: ANSI/ISEA 107 Type R Class 3, ASTM F1891, ASTM F2733, CSA Z96, CSA Z462, NFPA® 70E, OSHA 1910.269

MATERIAL: 7 oz. 2-Layer GORE-TEX PYRAD® Fabric

SIZES: SM-3X, RG | MD-3X, TL

DUOSTORM



SCAN FOR SPEC SHEET AND WARRANTY GUIDE

Full construction details, compliance information, and warranty information available via spec sheet.

FR2LG2-BIB-YN
(Bib)



FR2LG2-JACK-YN
(Jacket)



COVERED ZIP CLOSURE

For convenient on/off while staying protected

ENHANCED VISIBILITY

FR 3M™ Scotchlite™
Reflective Comfort Trim

Designed for demanding utility environments, NASCO ArcJoule™ combines CAT 2 arc flash and flash fire protection with waterproof, windproof, and breathable performance. Its durable construction supports worker comfort, mobility, and functionality in challenging weather conditions.

WATERPROOF PROTECTION

A breathable moisture-barrier system helps protect against rain and wind while reducing heat buildup during demanding work.

ENHANCED VISIBILITY

Jacket meets ANSI/ISEA 107 Type R Class 3; bib trouser meets ANSI/ISEA 107 Class E.

SAFETY-READY DESIGN

Jacket includes integrated access for easier use of a fall-protection harness.

MULTI-HAZARD PROTECTION

Designed to help minimize burn injury from electric arc flash, hydrocarbon flash fire, and splash exposure to certain chemicals.

ARC RATING: 11 cal/cm² | CAT 2

COMPLIANT WITH: ANSI/ISEA 107 Type R Class 3, ASTM F1891, ASTM F2733, CSA Z462, NFPA® 70E, OSHA 1910.269

MATERIAL: 10.5 oz. Waterproof, Breathable PTFE Moisture Barrier Fabric

SIZES: SM-5X, RG | SM-5X, LG



7501JFY102

[Jacket]

ARCJOULE™



SCAN FOR MORE DETAILS

Full construction details, compliance information, and sizing available via spec sheet.

7501TFY102

[Bib]



Engineered for demanding utility and industrial environments, NASCO Sentinel™ combines durable waterproof performance with CAT 2 arc flash, flash fire, and chemical splash protection. Its soft, flexible construction supports mobility and comfort while standing up to tough working conditions.

DURABLE CONSTRUCTION

Built for demanding work environments with dielectrically welded seams and durable FR materials.

FALL PROTECTION READY

Integrated access opening accommodates fall protection systems.

CHEMICAL SPLASH RESISTANCE

Provides protection from splash exposure to certain chemicals encountered in industrial work environments.

WATERPROOF PROTECTION

FR polyurethane moisture barrier helps block water while maintaining comfort.

ARC RATING: 14 cal/cm² | CAT 2

COMPLIANT WITH: ANSI/ISEA 107 Type R Class 3, ASTM F1891, ASTM F2733, NFPA® 70E, OSHA 1910.269

MATERIAL: 10 oz. FR Cotton Knit with FR Polyurethane Moisture Barrier

SIZES: SM-5X, RG | SM-5X, LG

SENTINEL™



SCAN FOR MORE DETAILS

Full construction details, compliance information, and sizing available via spec sheet.



4503JFY

(Jacket)



4501TFY

(Bib)

Designed for utility crews who need protection without unnecessary bulk, NASCO ArcLite Air™ combines lightweight, flexible construction with CAT 2 arc flash and flash fire protection. Its waterproof and windproof design supports mobility and jobsite performance across changing weather conditions.

LIGHTWEIGHT MULTI-HAZARD DESIGN

Combines arc flash, flash fire, and wet-weather protection in a lighter-weight construction.

ENHANCED VISIBILITY

Jacket meets ANSI/ISEA 107 Type R Class 3; bib trouser meets ANSI/ISEA 107 Supplemental Class E.

FALL-PROTECTION COMPATIBLE

Integrated jacket access accommodates the use of a fall-protection harness.

IMPROVED MOBILITY

Soft, flexible fabric helps reduce bulk and supports mobility during utility work.

ARC RATING: 9.6 cal/cm2 | CAT 2

COMPLIANT WITH: ANSI/ISEA 107 Type R Class 3, ASTM F1891, ASTM F2733, CSA Z462, NFPA® 70E, OSHA 1910.269

MATERIAL: 5 oz. Nomex®-Kevlar® with PU moisture barrier

SIZES: SM-5X, RG | SM-5X, LG | SM-5X, TL



1701JFY114

(Jacket)

ARCLITE AIR™



SCAN FOR MORE DETAILS

Full construction details, compliance information, and sizing available via spec sheet.

1701TFY

(Bib)



Designed by linemen for utility work, NASCO ArcLite™ combines lightweight, waterproof protection with soft, flexible construction that supports movement and jobsite functionality. Its practical design provides arc and flame resistance, high visibility, and limited chemical splash protection for demanding foul-weather applications.

CHEMICAL SPLASH PROTECTION

Protects against incidental contact with some chemicals commonly used by utility companies.

LIGHTWEIGHT & FLEXIBLE

Soft, flexible construction supports worker movement and comfort without unnecessary bulk.

WATERPROOF BARRIER

Dielectrically welded seams and a waterproof barrier provide resistance to water penetration.

VERSATILE PRODUCT LINE

Available in multiple garment styles, colors, and CAT 1 or CAT 2 options.

ARC RATING: 7.2 cal/cm² | CAT 1

COMPLIANT WITH: ANSI/ISEA 107: Type R Class 3, ASTM F1891, NFPA® 70E

MATERIAL: 8 oz. Nomex®-Kevlar® with PVC moisture barrier

SIZES: SM-5X, RG | SM-5X, LG



1503JFY
[Jacket]

ARCLITE™



SCAN FOR MORE DETAILS

Full construction details, compliance information, and sizing available via spec sheet.

1501TFY

[Bib]



FR RAINWEAR PRODUCT COMPARISON CHART

	DRIFIRE® HYDROLite 2.0	DRIFIRE® DuoStorm	NASCO ArcJoule™	NASCO Sentinel™	NASCO ArcLite Air™	NASCO ArcLite™
Arc Rating (ATPV)	31 cal/cm²	30 cal/cm²	11 cal/cm²	14 cal/cm²	9.6 cal/cm²	7.2 cal/cm²
CAT Level	CAT 3	CAT 3	CAT 2	CAT 2	CAT 2	CAT 1
Fabric Weight	8.3 oz/yd²	7 oz/yd²	10.5 oz/yd²	10 oz/yd²	5 oz/yd²	8 oz/yd²
Fabric Technology	GORE-TEX PYRAD®	GORE-TEX PYRAD®	PTFE Moisture Barrier	FR Cotton Knit + FR Polyurethane Moisture Barrier	Nomex®/Kevlar® + CCT™	Nomex®-Kevlar® / PVC
Layers	3-Layer	2-Layer	3-Layer	2-Layer	2-Layer	2-Layer
Waterproof	✓	✓	✓	✓	✓	✓
Breathable	✓	✓	✓	—	—	—
Flash Fire Protection	✓	✓	✓	✓	✓	—
ANSI Type R Class 3	✓	✓	✓	✓	✓	✓
Chemical Splash Resistance	—	—	—	✓	✓	—
Fall Protection Access	✓	—	✓	✓	✓	✓
Performance Focus	Best protection for extreme conditions	Strong Protection-to-Weight Ratio	Highly Breathable	Durability-Focused Protection	Lightweight, Flexible Protection	Practical Utility Performance

FEATURES AT A GLANCE



VISIBILITY FOR THE WORK ENVIRONMENT

Reflective trim configurations are designed to improve worker visibility in low-light and complex work environments. High-visibility classifications vary by garment and should be selected based on the worker's application and exposure.



PROTECTION, WEIGHT & BREATHABILITY

FR rainwear options vary in arc rating, fabric weight, construction, and breathability. The right solution should balance the protection required for the hazard with the mobility, comfort, and weather performance needed for the work.



JOBSITE-READY FUNCTIONALITY

Product features may include fall-protection access, covered closures, adjustable suspenders, extended leg openings, secure storage, and chemical splash resistance. Features vary by product and garment style.





NASCO

THINKNSA.COM

NASCOINC.COM