

GORE® TALL PARTICULATE HOOD Nomex Blend SPECIFICATION

DESIGN

Head Design	Traditional head design
Bib(Apron) Design	Longer length, notched shoulder bib design

LAYERS

Head and Bib	3 ply material throughout (outer to inner) Nomex Blend / GORE® Particulate Blocking Layer / Nomex Blend
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LENGTH = TALL LENGTH

Head Length	15"
Bib (Apron) Length	8"
OVERALL LENGTH	23"

FACE OPENING

Full Face Opening Circular Measurement
 Sewn with 1/2" elastic. Elastic is encapsulated in material and cover stitched.
 Elastic Face Opening stretches to accommodate a circumference of at least 31" (800 mm)
 for ease of donning, snug fit, and proper seal with SCBA.

INSPECTION OPENING

The GORE® Particulate Hood has an INSPECTION OPENING in the back hem of the hood.
 The INSPECTION OPENING allows the hood to be turned inside out so the GORE®
 Particulate Blocking Layer can be visually inspected for damage.

BINDING

Binding of same fabric material to enhance design with a finished look

SEAMS

Thread 100% Nomex
 Head design with traditional center head seam (comfortable central seam)
 Safety lock cover stitch of seams
 RED THREAD on the outside is the proper way to don the GORE® Particulate Hood

SIZING

UNIVERSAL size

LABEL, MARKING RECOMMENDATIONS, WARNING & USER INFORMATION

LABEL: each hood comes individually labeled to identify fabric, hood style, lot #
 traceability, DOM, Cleaning, Precautions, and Storage instructions, and UL Certification.

LABEL MARKING RECOMMENDATION: If permitted by your department or organization, for
 identification purposes, you may mark your protective hood. Mark your hood on the
 PROPERTY OF: _____. When marking, use an indelible marker. Do not write over or obscure
 information on the product label.

LABEL: once the label is reviewed for imperative information, the label can be tucked up
 and out of the way inside the INSPECTION OPENING. DO NOT REMOVE LABEL.

WARNING & USERS INFORMATION GUIDE: each hood has a Warnings & Users Information
 Guide attached with imperative information. Please review before wearing.

CLEANING, PRECAUTIONS, AND STORAGE

- * USE REGULAR MILD DETERGENT
- * MACHINE WASH WARM NOT TO EXCEED 105° F
- * TUMBLE DRY LOW NOT TO EXCEED 105° F
- * DO NOT USE WASHING MACHINE THAT EXCEEDS 100 Gs
- * DO NOT USE BLEACH
- * DO NOT USE FABRIC SOFTENERS
- * DO NOT DRY CLEAN
- * DO NOT STORE IN DIRECT SUNLIGHT
- * STORE YOUR HOOD ONLY WHEN IT IS CLEAN, DRY, AND FREE OF CONTAMINATION

CERTIFICATIONS

NFPA 1971-2018 UL Certified
 Complies with CAL-OSHA Requirements Sections 3406 and 3410(d) and OSHA Rule 29 CFR Part 1910, 269

PARTICULATE HOOD



NEW TALL LENGTH

Excellent protection from the particulate-blocking layer that is
 present throughout the entire hood.

Offers a more traditional hood wearing experience with the
 benefits of particulate protection.

ONE SIZE FITS all convenience

Excellent breathability

Exceptional durability

Continues to block 99.9% of particles in the 0.1 to 1.0 micron
 range after 100 washes; exceeds strength requirements
 in the NFPA 1971-2018 standard

The GORE® Particulate Hood combines the expertise of
 the industry leader in barrier technology with the skill of
 one of the most respected hood manufacturers

**Majestic Fire Apparel knits, cuts, sews, and ships
 the GORE® Particulate Hood in Lehighton, PA**

WARRANTY INFORMATION

Your protective hood is warranted to be free from defects in material and
 workmanship for one year. This warranty does not cover normal wear or
 unusual exposures, including abrasive wearing of close-tolerance
 accessories—such as voice amplifiers. This warranty is in lieu of all other
 warranties, expressed or implied, including but not limited to, implied
 warranties or marketability and/or fitness for a particular purpose. MFA,
 Inc. shall not be liable for incidental or consequential damages.

REPAIRS OR ALTERATIONS

DO NOT attempt to repair, alter, or modify your hood. Hoods should not
 be altered to accommodate after market accessories. Any aftermarket
 alteration, modification or addition, or repair will VOID the WARRANTY
 and could affect the UL Certification compliance with the current NFPA
 standard.



GORE® PARTICULATE HOOD Nomex Blend FABRIC PERFORMANCE VALUES

Material Content:	Nomex Blend 20% Nomex / 80% Lenzing FR	GORE® Particulate Blocking Layer Proprietary ePTFE Laminate with Nomex Knit
Material Construction:	1 x 1 Rib Knit	N/A
Material Weight:		3.3 oz / yd ² (+.2 / -.2)
Material Color	White (Standard)	White (Standard)

PARTICULATE BLOCKING LAYERING SYSTEM THROUGHOUT ENTIRE HOOD

Head Design = 3 ply material (outer to inner)	Nomex Blend / GORE® Particulate Blocking Layer / Nomex Blend
Bib Design = 3 ply material (outer to inner)	Nomex Blend / GORE® Particulate Blocking Layer / Nomex Blend

TOTAL HEAT LOSS (THL)

as received 332.1 W/m²

THERMAL PROTECTIVE PERFORMANCE (TPP)

as received 35.9 cal/cm²
 after 5 washes 36.8 cal/cm²

PARTICULATE BLOCKING EFFICIENCY for each particle size range from 0.1 - 1.0 micron

as received 99.9%
 after 10 wash/dry, heat conditioning, room conditioning, 99.9%
 10 wash/dry, heat conditioning, room conditioning

HOOD MATERIAL BURST STRENGTH

Nomex Blend	GORE® Particulate Blocking Layer
375 N	277 N

FLAME RESISTANCE TEST 1

AFTER FLAME

Nomex Blend	GORE® Particulate Blocking Layer
as received 0 seconds	as received 0 seconds
after 5 washes 0 seconds	after 5 washes 0 seconds

CHAR LENGTH (wales x courses)

Nomex Blend	GORE® Particulate Blocking Layer
as received 47 mm x 41 mm	as received 80 mm x 69 mm
after 5 washes 46 mm x 45 mm	after 5 washes 72 mm x 58 mm

CLEANING SHRINKAGE RESISTANCE TEST

HOOD MEASUREMENT	-1%
FACE OPENING MEASUREMENT	within requirement

HEAT AND THERMAL SHRINKAGE RESISTANCE TEST

HOOD MEASUREMENT	as received -0.9% after 5 washes -1.5%
FACE OPENING MEASUREMENT	as received within requirement after 5 washes within requirement

MELT, SEPARATE, IGNITE WHEN EXPOSED TO FLAME

as received None
 after 5 washes None

SEAM BREAKING STRENGTH TEST

Nomex Blend	GORE® Particulate Blocking Layer
397 N	269 N