



ISO 9001:2008 Registered Manufacturer

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## MM3 PAC II-3PLYH/3PLYA HOOD SPECIFICATIONS

### DESIGN

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

### LAYERS

Head Layers	3 ply material (outer to inner)	Ultra C6/Melange/Ultra C6
Bib(Apron) Layers	3 ply material (outer to inner)	Ultra C6/Melange/Ultra C6

### LENGTH

Head Length	13"
Bib (Apron) Length	8"
OVERALL LENGTH	21"

### FACE OPENING

Full Face Opening Circular Measurement	120 mm - 145 mm
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.	

### 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

Seam burst strength tests are unsurpassed in industry - 2x or 3x NFPA minimum!

**AIT (ADVANCED INSPECTION THREAD)** Hoods regularly have thread that matches the color of the hood (white on white / black on black). MOISTURE MEMBRANE HOODS are sewn with contrasting thread color (WHITE), which is especially important for inspection of gear. Any compromise to thread, seams, stitching is easily detected with AIT thread.

### SIZING

UNIVERSAL size

### LABELING AND USER INFORMATION

**OWNER IDENTIFICATION** On the label the area of PROPERTY OF: \_\_\_\_\_. Today every Majestic hood is manufactured with our NEW OWNER ID label. Simply identify your ownership with any permanent marker directly on label

Labeling - each hood comes individually labeled to identify fabric, hood style, lot # traceability, DOM, Cleaning and Storage Instructions, and UL Certification.

Users Information Guide - each hood has an Warnings & Users Information Guide attached with imperative information. Please review before wearing.

### CLEANING AND STORAGE

Machine wash only using regular detergent. Do not use chlorine bleach or detergents containing chlorine. Do not use fabric softeners or detergents containing fabric softeners. Water temperature not to exceed 130 degrees F. Do not wring hood. Squeeze hood to remove excess water. Shape and lay flat in a dry, cool, shaded location to dry. Or tumble dry, low heat. Do not commercially dry clean. Do not store your hood in direct sunlight.

### CERTIFICATIONS

NFPA 1971-2013 UL Certified

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



Steam resisting sock hood certified to NFPA 1971-2013 > 60 TPP (maximum allowed to advertise as per NFPA)

Combining the 2 ply hoods you've come to love, with a MOISTURE MEMBRANE sandwich layer 3 elements needed for fire = Oxygen, Heat, and Fuel Without one element, a fire cannot start or continue

When exposed to flame, C6 fibers expand, creating an Oxygen starved environment so fire cannot continue. Material is self extinguishing

Odor neutralizing, Anti-Static, Low Heat Conductivity Wider width for air circulation keeping end user cooler

Generous width and size means less fabric stretch

Maintains performance values after laundering

Finished to minimize shrinkage

Maintains protective properties after washing

Majestic Fire Apparel is a vertical manufacturer Knitting our own fire retardant materials for over 16 years We knit, cut, sew, and ship - all from our location in PA

**MADE IN USA**

### 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.

**DO NOT ALTER, MODIFY, ADD TO, OR CHANGE YOUR PROTECTIVE HOOD  
DOING SO WILL VIOLATE WARRANTY AND VOIDS NFPA AND UL CERTIFICATION**



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## FABRIC PERFORMANCE VALUES

**Material Content:**  
**Material Construction:**  
**Material Weight:**  
**Material Color**  
**Color Options Available**

Ultra C6: 65% Oxidized Polyacrylonitrile	Melange: 33% Kevlar / 67% Nomex
Ultra C6: 1 x 1 Rib Knit	Melange: Rochelle Knit
Ultra C6: 6.5 oz / yd <sup>2</sup> (+1 / -.5)	Melange: 8.5 oz / yd <sup>2</sup> (+1 / -.5)
Ultra C6: Black (Standard)	Melange: Yellow (Standard)

### STEAM RESISTING MOISTURE MEMBRANE LAYERING SYSTEM

Head Design = 3 ply material (outer to inner)  
Ultra C6 outer / Melange sandwich / Ultra C6 inner

Bib Design = 3 ply material (outer to inner)  
Ultra C6 outer / Melange sandwich / Ultra C6 inner

### THERMAL PROTECTIVE PERFORMANCE (TPP)

Head Design	as received	> 60 cal/cm <sup>2</sup>
	after 5 washes	
Bib Design	as received	> 60 cal/cm <sup>2</sup>
	after 5 washes	

### HOOD MATERIAL BURST STRENGTH

Ultra C6	402 N
Melange	430 N

### FLAME RESISTANCE TEST

Ultra C6 After Flame	as received	0 seconds
	after 5 washes	0 seconds
Melange After Flame	as received	0 seconds
	after 5 washes	0 seconds
Ultra C6		
Char Length (wales x courses as received)		4 mm x 4 mm
	after 5 washes	3 mm x 3 mm
Melange		
Char Length (wales x courses as received)		5 mm x 5 mm
	after 5 washes	5 mm x 3 mm

### CLEANING SHRINKAGE RESISTANCE TEST

Hood Measurement	0%
Face Opening Measurement	5%

### HEAT AND THERMAL SHRINKAGE RESISTANCE TEST

Hood Measurement	as received	2%
	after 5 washes	1%
Face Opening Measurement	as received	2%
	after 5 washes	1%

### SEAM BREAKING STRENGTH TEST

1160 N

### MELT, DRIP, IGNITE, SEPARATE WHEN EXPOSED TO FLAME

None

