



ISO 9001:2008 Registered Manufacturer

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MM2 PAC II HOOD SPECIFICATIONS

DESIGN

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

LAYERS

Head Layers 2 ply material (outer to inner) Ultra C6/Melange
Bib(Apron) Layers 2 ply material (outer to inner) Ultra C6/Melange

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



Unlike any 2 ply "sock hood" on the market
45 TPP - and that's with just 2 layers of material
(over 53 TPP after 5 washes)!!
2 ply hood-inner layer being the MOISTURE MEMBRANE 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 ² (+1 / -.5)	Melange: 8.5 oz / yd ² (+1 / -.5)
Ultra C6: Black (Standard)	Melange: Yellow (Standard)

STEAM RESISTING MOISTURE MEMBRANE LAYERING SYSTEM

Head Design = 2 ply material (outer to inner)	Ultra C6 outer / Melange inner
Bib Design = 2 ply material (outer to inner)	Ultra C6 outer / Melange inner

THERMAL PROTECTIVE PERFORMANCE (TPP)

Head Design	as received	46.7 cal/cm ²
	after 5 washes	
Bib Design	as received	46.7 cal/cm ²
	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	4%

HEAT AND THERMAL SHRINKAGE RESISTANCE TEST

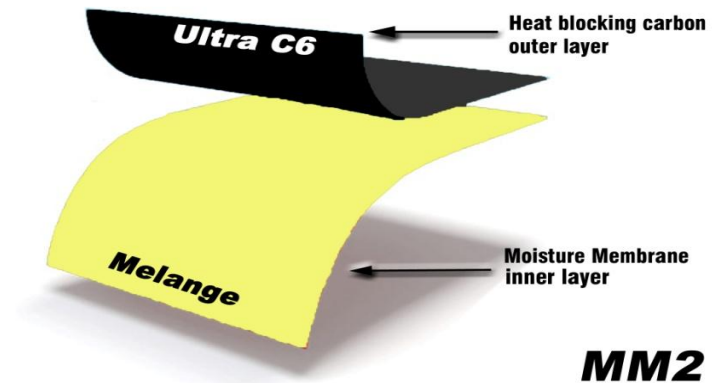
Hood Measurement	as received	0%
	after 5 washes	0%
Face Opening Measurement	as received	5%
	after 5 washes	2%

SEAM BREAKING STRENGTH TEST

837 N

MELT, DRIP, IGNITE, SEPARATE WHEN EXPOSED TO FLAME

None



Fabric Performance Values in accordance with NFPA 1971-2013 test report dated 9/9/2014 performed by Underwriters Laboratories

all weights and measurements are approximate