

HALO^{LTE} 360 Nomex Blend WHITE

PARTICULATE BLOCKING HOOD

360 = Full Particulate coverage

Particulate layer throughout entire hood, protecting all areas

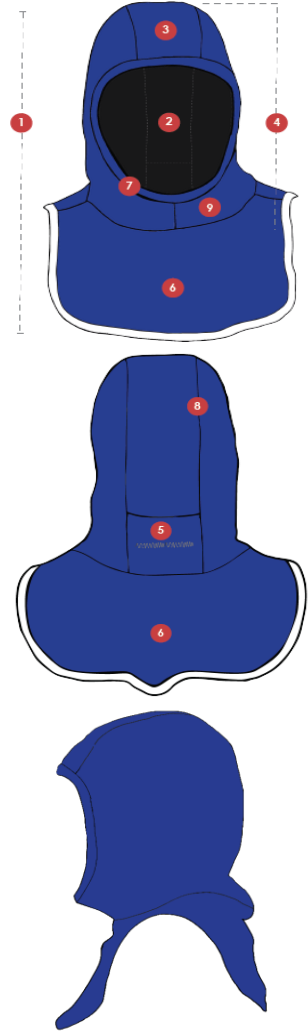
Blocks over 99% of particulates throughout the entire hood

SHADED AREAS INDICATE WHERE PARTICULATE LAYER IS LOCATED IN

HALO^{LTE} 360 HOOD DESIGN



- 1 23" length - 2 Layers
Universal size - Oversized to reduce heat stress
- 2 Laminate particulate blocking with next to skin knit wicks moisture away
- 3 Double seam, comfort panel, sure-to-fit crown
- 4 Extended head length
- 5 Elastic nape of neck for contoured fit while reducing bulk
- 6 Long notched shoulder bib
- 7 Heavy duty elastic face opening
- 8 Contrast thread color for easy inspection
- 9 Reflective logo



PERSONALIZATION

Personalize with custom logo - email info@majfire.com for more information

Personalize with letters and numbers - email info@majfire.com for more information

CERTIFICATIONS and COMPLIANCE

NFPA 1971-2018, Standard on Protective Ensembles for Structural Firefighting,
including the Optional Limited Particulate Blocking Protection for Hoods, UL Certified
Compliant with CAL-OSHA, Sections 3406(d) and 3410(d)
Complies with OSHA Rule 29 CFR Part 1910, 269
Passes Federal Test 191, Method 5903.2

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PARTICULATE BLOCKING HOOD

HOOD DESIGN SPECIFICATIONS

PART # HALO 360 NB

DESIGN	
HEAD with DOUBLE SEAM area	4-5" DOUBLE SEAM (comfort panel)
BACK OF HEAD (NAPE OF NECK)	Encapsulated elastic in back nape of neck
BIB (APRON)	Longer length, notched shoulder bib design

LAYERS	
HEAD with DOUBLE SEAM area	OUTER LAYER: Nomex Blend / PARTICULATE BLOCKING INNER LAYER: MFA P-BL4.0
BACK OF HEAD (NAPE OF NECK)	OUTER LAYER: Nomex Blend / PARTICULATE BLOCKING INNER LAYER: MFA P-BL4.0
BIB (APRON)	OUTER LAYER: Nomex Blend / PARTICULATE BLOCKING INNER LAYER: MFA P-BL4.0

LENGTH	
OVERALL	23" (+1" / -1")

SIZING	
	UNIVERSAL size
Encapsulated elastic back nape neck for stretch to accommodate head sizes, reduce bulk, and ensure contour fit	

HOOD OPENING DESIGN (aka FACE OPENING)	
	Circular FACE OPENING (HOOD OPENING)
Sewn with heavy duty elastic. Elastic is encapsulated in material and cover stitched.	

HOOD OPENING SIZE RETENTION TEST (aka HOOD FACE OPENING SIZE RETENTION TEST)	
REQUIREMENT HOOD FACE OPENING SHALL BE ABLE TO BE STRETCHED TO A CIRCUMFERENCE OF AT LEAST 31" (800mm)	
REQUIREMENT HOOD FACE OPENING SHALL SLIDE FREELY OVER TOP PORTION (hood measuring device)	
REQUIREMENT HOOD FACE OPENING SHALL NOT SHOW ANY GAPS WHEN ON BOTTOM PORTION (hood measuring device)	

	before stretching	after stretching 50 times
FACE OPENING STRETCHES TO A CIRCUMFERENCE OF AT LEAST 31"	YES	
FACE OPENING SLIDES FREELY OVER TOP PORTION (of hood measuring device)	YES	YES
FACE OPENING GAPS WHEN ON BOTTOM PORTION (of hood measuring device)	NO	NO

CLEANING SHRINKAGE RESISTANCE TEST	
REQUIREMENT HOOD MEASUREMENT SHALL NOT SHRINK MORE THAN 5%	
REQUIREMENT HOOD FACE OPENING SHALL SLIDE FREELY OVER TOP PORTION (hood measuring device)	
REQUIREMENT HOOD FACE OPENING SHALL NOT SHOW ANY GAPS WHEN ON BOTTOM PORTION (hood measuring device)	

	as received	after 5 washings
HOOD MEASUREMENT SHRINKAGE		less than 1%
FACE OPENING SLIDES FREELY OVER TOP PORTION (of hood measuring device)	COMPLIES	COMPLIES
FACE OPENING GAPS WHEN ON BOTTOM PORTION (of hood measuring device)	COMPLIES (NO GAPS)	COMPLIES (NO GAPS)

HEAT AND THERMAL SHRINKAGE RESISTANCE TEST	
REQUIREMENT HOOD MEASUREMENT SHALL NOT SHRINK MORE THAN 10%	
REQUIREMENT HOOD FACE OPENING SHALL SLIDE FREELY OVER TOP PORTION (hood measuring device)	
REQUIREMENT HOOD FACE OPENING SHALL NOT SHOW ANY GAPS WHEN ON BOTTOM PORTION (hood measuring device)	
REQUIREMENT SHALL NOT MELT, DRIP, SEPARATE, OR IGNITE	

	as received	after 5 washings
HOOD MEASUREMENT SHRINKAGE	less than 1%	less than 1%
FACE OPENING SLIDES FREELY OVER TOP PORTION (of hood measuring device)	COMPLIES	COMPLIES
FACE OPENING GAPS WHEN ON BOTTOM PORTION (of hood measuring device)	COMPLIES (NO GAPS)	COMPLIES (NO GAPS)
MELT, DRIP, SEPARATE, IGNITE	NONE	NONE

THREAD	
	STEEL GREY Nomex Thread
Contrast thread color to aid with inspection (any compromise to thread, seams, stitching is easily detected)	

THREAD MELTING TEST (aka THREAD MELTING RESISTANCE)	
REQUIREMENT THREAD MUST NOT MELT BELOW 260°C (500° F)	
	COMPLIES

SEAMS	
	Safety lock cover-stitch of seams

SEAM BREAKING STRENGTH TEST	
REQUIREMENT ≥ 181 N (41 lbf)	
	971 N

BINDING	
	Binding to enhance design with a finished look

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FABRIC CONSTRUCTION

	COMPOSITION	COLOR
Nomex Blend	20% Nomex / 80% Lenzing FR	WHITE
MFA P-BL4.0	Proprietary interlock knit laminated ePTFE	BLACK

FABRIC PERFORMANCE VALUES

FABRIC PERFORMANCE VALUES FOR OPTIONAL LIMITED PARTICULATE BLOCKING PROTECTION

THERMAL PROTECTIVE PERFORMANCE (TPP)

REQUIREMENT ≥ 20

	as received	after 5 washings
	26 cal/cm ²	28 cal/cm ²

TOTAL HEAT LOSS (THL)

REQUIREMENT ≥ 325

	as received
	387

MATERIAL BURST STRENGTH

REQUIREMENT ≥ 225 N (51 lbf)

	as received
Nomex Blend	349 N
MFA P-BL4.0	364 N

PARTICULATE BLOCKING EFFICIENCY TEST

REQUIREMENT ≥ 90% (FOR EACH PARTICLE SIZE)

PARTICLE SIZE	as received	after 10 washings
0.10	99.99%	99.99%
0.16	99.99%	99.99%
0.30	99.99%	99.99%
0.50	99.99%	99.99%
0.60	99.99%	99.99%
0.70	99.99%	99.99%
0.81	99.99%	99.99%
1.00	99.99%	99.99%

FLAME RESISTANCE TEST 1

REQUIREMENT SHALL NOT HAVE AFTERFLAME OF MORE THAN 2 SECONDS

REQUIREMENT SHALL NOT HAVE CHAR LENGTH OF MORE THAN 100mm (4 in)

REQUIREMENT SHALL NOT MELT OR DRIP

	as received	after 5 washings
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AFTER FLAME

Nomex Blend	0 seconds	0 seconds
MFA P-BL4.0	less than 1 second	less than 1 second

CHAR LENGTH (wales x courses)

Nomex Blend	56 mm x 58 mm	56 mm x 57 mm
MFA P-BL4.0	19 mm x 15 mm	11 mm x 6 mm

MELT or DRIP

Nomex Blend	NONE	NONE
MFA P-BL4.0	NONE	NONE

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PRODUCT LABEL

Sewn inside hood: identifies Fabric, Hood Style, Lot # traceability, DOM, Cleaning, Precautions, and Storage Instructions, and UL Certification.

BARCODING (SEQUENTIAL NUMBERING) available upon request

LABEL DURABILITY AND LEGIBILITY TEST 1

REQUIREMENT SHALL REMAIN ATTACHED AND SHALL BE LEGIBLE

LAUNDERING DURABILITY TEST

torn	NO
legible	YES
in place	YES

ABRASION DURABILITY TEST

torn	NO
legible	YES

HEAT DURABILITY TEST

torn	NO
legible	YES

LABEL HEAT AND THERMAL SHRINKAGE RESISTANCE TEST

REQUIREMENT SHALL NOT MELT, DRIP, SEPARATE, OR IGNITE

	as received	after 10 washings
MELT, DRIP, SEPARATE, OR IGNITE	NO	NO

LABEL FLAME RESISTANCE TEST 1

REQUIREMENT SHALL NOT HAVE AFTERFLAME OF MORE THAN 2 SECONDS

REQUIREMENT SHALL NOT MELT OR DRIP

	as received	after 5 washings
AFTER FLAME	0 seconds	0 seconds
CONSUMED	NO	NO
MELT or DRIP	NO	NO

WARNING AND USER INFORMATION GUIDE

Provided with hood: identifies imperative information. Please review before wearing.