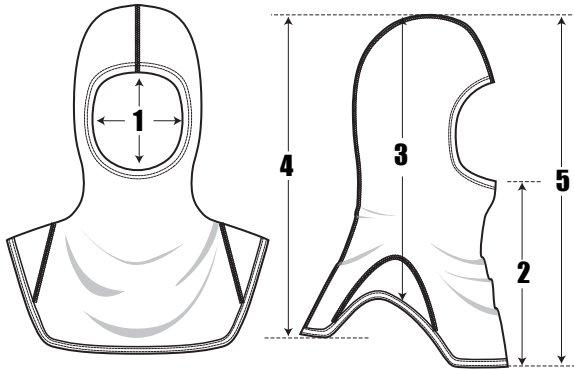




## COBRA™ ULTIMATE HOOD

30400-00-185084 (Navy)



### HOOD DIMENSIONS – ONE SIZE HOOD FITS ALL

1. Face opening is circular and measures between 4.6" to 5.6"
2. Length of hood below face opening approximately 12"
3. Length of hood at side from top to bottom approximately 19.5"
4. Length of hood at front and back from top to bottom approximately 20"

### DESIGN

- Double ply hood - Provides coverage of neck, upper chest, shoulders and shoulder blades
- Longer Design
- Gusset at side seams
- Flat stitched seams
- X-heavy 1/2" wide elasticized face opening
- Cover stitched bound drape

### THREAD

- All seams are sewn with 100% Nomex thread size Tex 40.

### STITCH TYPES AND SEAMS

- All stitching conforms to Federal Standard 751 Specifications (FED-STD-751).
- Major seams are flat seam assembled with stitch type 607.
- Drape attachment to top is done with stitch type 401 and reinforced with stitch type 605.
- Elastic around face opening is serged in with stitch type 504 and reinforced with bottom cover-stitch type 406.
- Binding is applied with bottom cover-stitch type 406.

## SPECIFICATIONS

### FABRIC: KERMEL® / LENZING FR®

WEIGHT: 237 gsm (7 oz/yd<sup>2</sup>)

#### FABRIC DESCRIPTION:

- Outer shell and lining are Kermel® / Lenzing FR® blend
- Interlock knit has smooth and soft hand
- Inherently flame-resistant
- Both fibers are solution dyed navy blue, making the color an inherent part of the yarn itself, eliminating fading.
- Excellent pill and abrasion resistance

### CONSTRUCTION

- Entire hood is composed of two layers of knit fabric.
- For contoured fit, hood is seamed from top of face opening to back bottom hem.
- Bib is an extension of hood for a smooth transition and reduced bulk at neckline.
- Face opening is circular in shape and serged with x-heavy duty 1/2" wide elastic around the perimeter. The elastic is then folded back 1/2" and cover-stitched. The face opening stretches 25% more than conventional hoods for easy donning and a snug fit around face of SCBA mask. Face opening maintains original shape after repeated launderings.
- Gusset added at shoulders to provide complete shoulder coverage and smoother drape.
- The bottom edge of bib is bound with self-material bias binding.

### LABELING AND USER INFORMATION

- UL Certified FR label facilitates tracking and identification through bar-coding, sequential numbering and personalization.
- "PROPERTY OF: \_\_\_\_\_" feature allows user to simply write their name with permanent laundry marker directly on label for permanent identification.
- Each hood is clearly labeled to identify material contents, NFPA acceptance, UL Classification, Date of Manufacture, Lot Tracking Number, Style Number, Statement of Made in USA and Care Instructions.
- Each hood includes a complete user information guide.

### MEETS OR EXCEEDS INDUSTRY STANDARDS

- UL Classified to meet or exceed the current hood requirements of NFPA 1971, Standard on Protective Ensemble for Structural Firefighting
- Compliant with CAL-OSHA, Sections 3406 and 3410(d) and OSHA Rule 29 CFT, Part 1910, 269.



All rights reserved. Because of our ongoing commitment to product quality and development, we reserve the right to change, or cancel discontinue or alter any specification, design or feature without prior notice and without incurring obligation.





# SPECIFICATIONS

## COBRA™ ULTIMATE HOOD

30400-00-185084 (Navy)

FABRIC PERFORMANCE VALUES	NFPA 1971 REQUIREMENTS	KERME/LENZING FR
<b>Thermal Protective Performance (TPP)</b>		
■ As Received	≥ 20.0	22.8
■ After 5 Washings	≥ 20.0	30
<b>Flame Resistance Test</b>		
After Flame (Wales x Courses)		
■ As Received	≤ 2.0 s	0.4 s x 0.4 s
■ After 5 Washings	≤ 2.0 s	0.5 s x 0.5 s
Char Length (Wales x Courses)		
■ As Received	≤ 100 mm	44 mm x 41 mm
■ After 5 Washings	≤ 100 mm	36 mm x 30 mm
<b>Cleaning Shrinkage Resistance Test</b>		
Hood Measurement		
■ After 5 Washings	≥ -5.0%	0.0%
Face Opening Measurement		
■ After 5 Washings	MEETS REQUIREMENTS	YES
<b>Heat &amp; Thermal Shrinkage Resistance Test</b>		
Hood Measurement		
■ As Received	≥ -10.0%	-0.3 to 0.0%
■ After 5 Washings	≥ -10.0%	-0.3 to 0.0%
Face Opening Measurement		
■ As Received	MEETS REQUIREMENTS	YES
■ After 5 Washings	MEETS REQUIREMENTS	YES
<b>Fabric Burst Strength Test</b>		
	≥ 225 N	462 N
<b>Seam Breaking Strength Test</b>		
	≥ 181 N	742 N
<b>Melt or Drip When Exposed to Flame</b>		
	NO MELTING OR DRIPPING	NONE

Kermel®/Lenzing FR® - Inherently flame-resistant blend of two exceptionally soft and comfortable fibers. Fabric blend offers excellent thermal insulation, providing efficient protection from heat, even in lighter weights. Interlock knit gives the fabric the finest hand and smoothest surfaces of all knits. Due to its low modulus, Kermel® fiber is silk-soft to the touch, making hoods or base layers made from it extremely comfortable. Both the Kermel® and Lenzing FR® fibers are solution dyed navy blue during the manufacturing process, making the color an inherent part of the yarn itself, eliminating fading due to UV exposure or through repeated washing and drying. Additionally, the fabric has excellent pill and abrasion resistance, keeping hoods or base layers looking new, even after prolonged use and repeated launderings.

All rights reserved. Because of our ongoing commitment to product quality and development, we reserve the right to change, or cancel discontinue or alter any specification, design or feature without prior notice and without incurring obligation.

