

**LAKELAND VERIDIAN VIPER MAX NANO 820  
FULL COVERAGE (FC) PARTICULATE AND FIRE PROTECTIVE HOODS**

Veridian hoods are manufactured in Spencer, Iowa. All materials and construction meet or exceed NFPA Standard 1971 (2018 edition) requirements. Independent third-party product certification to NFPA 1971 is conducted by Underwriter's Laboratory.

**MATERIALS**

FABRIC: Our Viper Max Nano 820 (FC) hoods (VPRM-FC-NANO820-BO) are made from a 13.5 oz/yd<sup>2</sup> proprietary three-layer laminated composite comprised of:

- Outer Layer: 80% Lenzing / 20% Nomex, rib knit
- Particulate Barrier Layer: Nomex Nano Flex® by Dupont
- Inner Layer: 80% Lenzing / 20% Nomex, rib knit

THREAD: 100% Nomex, spun thread, Tex 40.

ELASTIC: ½" wide rubber and polyester knit elastic

LABELS/EMBLEMS: 1 heat transferred pigment Veridian emblem, 2 heat applied "tagless" labels.

**COLORS**

The Outer and Inner knit layers of the hood are solid black. Contrast orange thread is used on all seams. A white Veridian emblem is centered on the front bib. Label text is white ink on clear heat applied label stock.

**LABELING**

Each hood is labeled in accordance with NFPA 1971 labeling requirements: including material content, UL certification, and date of manufacture.

**CONSTRUCTION**

The Viper Max (FC) Nano 820 hood is comprised of the following six composite fabric parts:

- crown (top of head)
- face opening
- front and back bib
- head surround panel
- front neck panel

The hood hem is bound with 80% Lenzing / 20% Nomex, rib knit.



*Figure 1 Front view: Photo of Viper Max Nano 820 Full Coverage Particulate Blocking Fire Protective Hood*

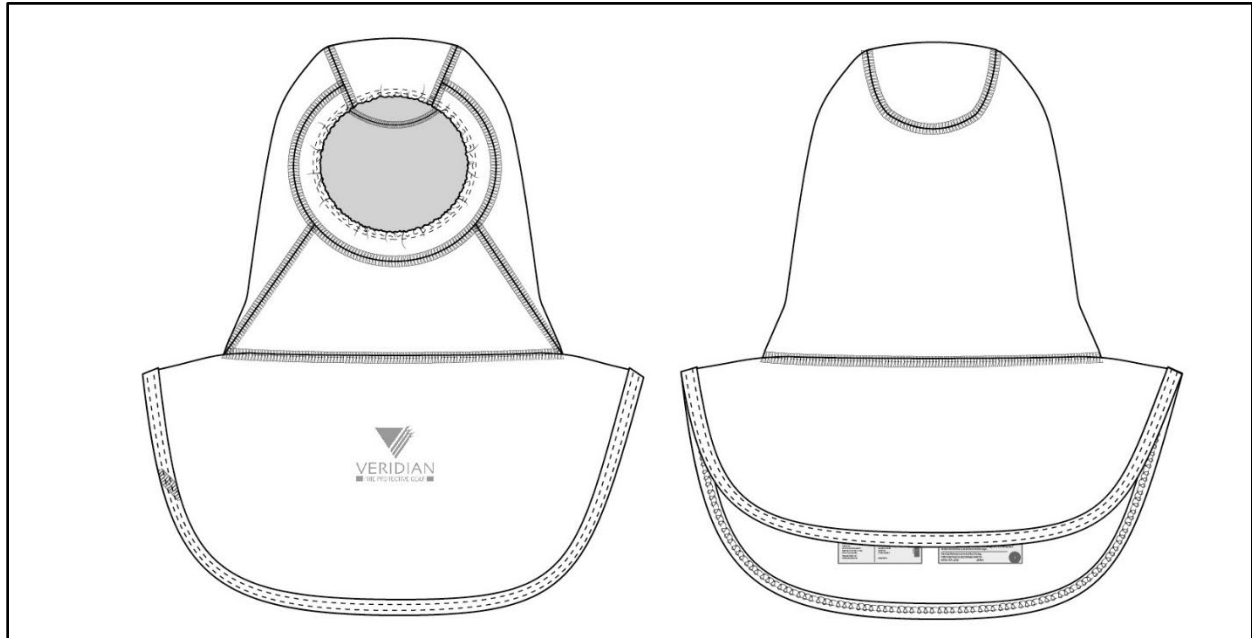


Figure 2 Front and back specification illustration of Viper Max Nano 820 Full Coverage Particulate Blocking Fire Protective Hood showing seam locations, stitch types, emblems, labels, and visible hood features/landmarks.

### STITCH TYPES AND SEAMS

- All stitching conforms to Federal Standard 751 Specifications.
- Major seams are serged with stitch type 504 and are reinforced with flat top and bottom cover stitch type 605.
- Elastic in face opening is secured with serge stitch type 504. Elastic is covered with self-material using cover stitch type 406.
- Bound bottom is cover stitched with cover stitch type 406.

### FINISHED HOOD MEASUREMENTS

- Face opening is round and measures between 6.5" to 7.5" in diameter.
  - Face opening expands to 32" circumference to provide easy donning and doffing.
- Length of hood below face opening is approximately 13".
- Length of hood at the side from top to bottom is approximately 21".
- Length of hood at the back from top to bottom is approximately 22".
- Length of hood at the front from top to bottom is approximately 22.5".