

# PERFECTION UNIFORMS SPECIFICATIONS

*Pride Through Performance™*

Men's Polyester/Cotton **PinnacleSeries™** Short Sleeve Shirt – Style 13001b & 10001b

## FABRIC

Style: Perfection PinnacleSeries™ Engineered Stretch Poplin with Perfection X-Factor™ Fabric Technologies, featuring SwiftGaley Stretch Concept Poplin 1553/123 with UltraDye Enhancements.

Color: Utilizes UltraDye Technology for Enhanced Color Depth and Color Retention (Other dye processes are unacceptable.) White, Light blue or Dark Navy.

Fiber Content: 65% polyester/35% cotton

Weave: Plain with Engineered Stretch

Weight: 4.25 – 4.50oz./square yard

Construction: 110 warp x 52 filling

Tensile Strength: 120 x 50 lbs.

Nano Finish: Pre-cured, wrinkle resistance, superior color retention, and external hydrophobic resistance to most water and oil based liquids. (Other surface treatments are unacceptable.)

Color: Lt Blue

## DESIGN

Shall feature the Perfection EGC System™ Design for enhanced comfort and mobility.

Short sleeve shirt style with convertible collar and placket front. Gusseted fit, designed to accommodate body armor, with enhanced comfort & mobility. 1-piece sleeve and EGC side gussets. Two pleated breast pockets with scalloped flaps and Velcro closures. Bartacked hidden pencil opening. Shoulder straps. Interior badge sling. Five CREASET® Super Silicone military creases. Matching polyester/cotton poplin yoke lining. Graduated tail lengths. Optional zipper front.

## COLLAR

The shirt has a convertible collar. The collar is to be die cut, measure 3 1/4" long at the points and be topstitched 3/16" from the edge. It shall be interlined with 250 denier Dacron Polyester. Permanent Mylar collar stays are set inside the collar with no stitches showing through either ply. The collar stays are set forward to accommodate collar insignia.

## FRONT

The left front is to have a self fabric center pleat 1 1/2" wide with 2 rows of stitching 1" apart and 7 buttonholes. It shall be interlined with 250 denier Dacron Polyester. The top buttonhole is horizontal and 5/8" below the neck seam. The remaining buttonholes are vertical, with 2 1/2" spacing between the first and second and 3 1/2" spacing between the remainder. Melamine buttons (to include a spare) are stitched to the right front. Each front is to have an approximate 3" turn back. One military crease in each front incorporates a permanent CREASET® Super Silicone crease that continues through the pocket and pocket flap.

## SHOULDER STRAPS

Shoulder straps are to be die cut and interlined with 250 denier Dacron Polyester. Shoulder strap is topstitched 1/4" from the edge and has a buttonhole. To be sewn into sleeve head seam and measure 2 1/8" wide, tapering to 1 5/8" at the pointed end. Shoulder strap to be set approximately 1/2" from the neck seam, with the lower edge 1/2" below the shoulder joining seam. It shall be X-stitched to shoulder, 2" from sleeve seam, and shall fasten to the shoulder with a melamine button.

## BADGE REINFORCEMENT

2-ply inside sling approximately 1" wide, extending from shoulder joining seam into pocket of left front. To have two small uncut horizontal buttonholes 1 1/2" above the pocket flap, spaced 1 5/16" apart and centered on the sling.

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## **POCKETS**

Two patch pockets with 1 1/2" stitched box pleats and mitered corners. The pockets are to be die cut and finish 5 1/2" wide and 6" long. Left pocket to have a sewn through pencil stall 1 1/2" wide. Velcro® hook fasteners 3/4" wide and 3/4" long are stitched on the upper corners to secure the Velcro® loop fasteners on the flaps.

## **POCKET FLAPS**

To be die cut, and scalloped, finishing 5 3/4" in width, 2 1/2" in length at the center and 2 1/8" at each side. Flaps are interlined with 250 denier Dacron Polyester, topstitched 1/4" from edges and have one centered uncut buttonhole with button. Flaps to be set with a 1/4" space between pocket and flap. The left flap to have a hidden pencil opening 1 3/8" in width, bartacked at each end. Velcro® loop fasteners 3/4" wide and 3/4" long are stitched on the underside of the flaps to secure the Velcro® hook fasteners on the pockets.

## **SLEEVES**

The sleeves have 1" hems. The sleeves are hemmed after the side-joining operation. A size 16 finishes 10" long from the shoulder seam.

## **SIDE GUSSETS**

Perfection EGC System™ incorporates side gussets for enhanced comfort and mobility. The gusset is a 1-piece self fabric piece that extends from the sleeve opening to the shirt hem. The graduated gusset measures 4" at each end and widens in the armhole area. The EGC Gusset is set with double needle stitching for enhanced performance.

## **BACK**

Two piece yoke lined on the inside with 65% polyester/35% cotton poplin. Yoke shall measure approximately 3" at center back and 3 1/4" at the ends. 1/16" topstitch on lower edge. The three military creases in the back of the shirt must incorporate permanent Super Silicone creases, utilizing the CREASET® System.

## **BUTTONS**

To be a 20-line melamine button to match the fabric color.

## **STITCHING**

The entire shirt is to be stitched with 100% polyester core/100% polyester wrap thread. All visible stitching must be 10-12 stitches per inch. Sleeve setting shall be done with an over edge and safety stitch. The gusset is set with double needle stitching. The outer edges of the collar are topstitched 3/16". The center front pleat has 2 rows of stitching 1" apart. The shoulder straps and pocket flaps are topstitched 1/4" from the edges. There is a second row of topstitching 1/4" from the flap setting stitches. The lower edge of the yoke is topstitched 1/16".

## **MILITARY CREASES**

One military crease in each front must incorporate a permanent modified "Super Silicone" crease produced by the CREASET® System, that is specially formulated for fabrics with high technology treatments, and continuing through the pocket and pocket flap. There are three military creases in the back of the shirt with CREASET® permanent silicone creases.

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## **CONSTRUCTION**

The collar, pocket flaps and shoulder straps are made by the conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

## **SHIRT LABELING**

The shirt shall be labeled Perfection PinnacleSeries™, with the following information: style number, size, fiber content, care instructions, RN number and country of origin

## **SIZES**

Shirts are available in even and half-size neck sizes.