



## Customer Specification CPC Nomex

### PRODUCT NOMENCLATURE

Manufacturing Code: #66-600 Series  
 Manufacturing Name: CPC Nomex Series  
 Marketing Style(s): See Below ("Styles Within Series")

### PRODUCT DESCRIPTION

Product Classification: **Clothing**  
 Face Material/Construction: 95% Nomex, 3% Kevlar, 2% P140/3.3 oz/yd<sup>2</sup> Ripstop  
 Back Material/Construction: 100% Nomex, 2.0 oz/yd<sup>2</sup> natural Jersey knit  
 Functional Layer: **Gore® membrane based on ePFTE**  
 Color: **Blue** Available Sizes: **See Styles Within Series" (below)**  
 Design: **Lightweight, yet reusable garment providing liquid splash protection without compromising comfort. Because the fabric is vapor-permeable, this garment should not be used for protection against hazardous vapor exposures, nor is it recommended for exposures to carcinogens or other health-threatening materials.**

**CERTIFIED AS LIQUID SPLASH PROTECTIVE CLOTHING FOR HAZARDOUS MATERIAL INCIDENTS AND LIMITED FLASH FIRE PROTECTION FOR ESCAPE USE ONLY IN ACCORDANCE WITH NFPA 1992-2005. MEETS HAZARD CATEGORY 2 AS DEFINED BY NFPA 70E. CERTIFIED TO AN ARC (APTV) RATING OF 9.0 CAL/CM<sup>2</sup>) BASED UPON ASTM F1891-02/ASTM 1959-05.**

### OUTSTANDING CHARACTERISTICS & APPLICATIONS

- ◆ Breathable trilaminate allows body heat to escape and perspiration to evaporate, keeping the worker cooler in heat situations and warmer in cold situations.
- ◆ Provides fire-resistant chemical splash protection and protects from liquid- and dry-chemical exposures.
- ◆ Lightweight, flexible, snag- and tear-resistant, stain-repellent and washable.
- ◆ **APPLICATIONS:** *Petrochemicals and refining, Chemical processing and handling, Mining, Pulp and paper production, Power plants, HazMat work, Food processing, Dust exposures, Metal plating, Soap and detergent, Tanneries*

### FUNCTIONAL PARAMETERS (LAMINATE)

- ◆ Weight (ASTM 191A 5041) **6.5 oz/yd<sup>2</sup>**
- ◆ Shrinkage (AATCC 124-1978 Part III B) **warp: 4.3%; weft: 4.4%**
- ◆ Total Heat Loss (ASTM F1868 Part C) **610W/m<sup>2</sup>**
- ◆ Trap Tear (ASTM D 5733) **warp: 19.3 lbf; weft: 29.0 lbf**
- ◆ Puncture Prop. Tear (ASTM D 2582) **warp: 13.2 lbf; weft: 12.7 lbf**
- ◆ Penetration Resistance (ASTM F903-90 procedure C) **Pass for Sulfuric Acid (93.1%), Acetone, Ethyl Acetate, 50% Sodium Hydroxide, Tetrahydrofuran, Dimethylformamide, and Nitrobenzene**
- ◆ Flame Resistance (ASTM 1358) **After Flame - warp: 0.8 sec, weft: 1.0 sec; Char Length – warp: 7.7 cm, weft, 7.8 cm**
- ◆ Grab Break (ASTM D751) **warp: 150 lbf; weft: 129 lbf**
- ◆ Burst Strength (ASTM D751) **211 lbf**
- ◆ Spray Rating (FTM 191-5526) **90, 90, 100**

### STYLES WITHIN SERIES

66-670	Blue CPC Nomex trilaminate jacket	S, M, L, XL, XXL
66-671	Blue CPC Nomex trilaminate coat (49")	M, L, XL
66-672	Blue CPC Nomex trilaminat bib overalls	S, M, L, XL, XXL
66-674	Blue CPC Nomex trilaminate 3-piece hood	One size fits all
66-677	Blue CPC Nomex trilaminate coveralls *	S, M, L, XL, XXL

\* Coveralls also available in "tall" and "short"

### GUARANTEE

These products are manufactured to rigid specifications under strict conditions of process and quality control set forth by Ansell and are guaranteed against defect in workmanship or material and will be replaced or credited if returned for examination. This guarantee does not apply to deterioration caused by excessive wear, age, accident, or prolonged exposure to strong solvents.

### GENERAL INFORMATION

**SHELF LIFE:** Five (5) years in cool, covered conditions. Extended exposure to direct sunlight or excessive heat may reduce shelf life.  
**MFG ORIGIN:** USA

**Originator:** Paul McMorrow **Date:** 09/19/02  
**Revised By:** Paul McMorrow **Date:** 09/12/06 **Revision #1:** Enhanced Products Description; Added Functional Parameters

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