



# Face Mask Components

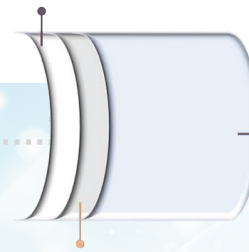
Protection. Comfort.  
Performance.



# The construction of a face mask



Inner layer coverstock



Outer layer coverstock

Middle filtration layer

Face masks are typically produced with 3 layers of nonwoven materials: an **inner comfort layer**, a **middle filtration layer** and an **outer protection layer**

Grade	Application	Technology	Weight	Color
FIL-725	Middle Layer 2 Ply	Wet Lay Nonwoven	2.5 oz sq/yd	White
FIL-308s	Middle Layer 2 Ply	Wet Lay Nonwoven	1.8 oz/sq	White
FIL-622US	Middle Layer 2 Ply	Hydroentangled Nonwoven 100% Cotton	55 gram/sqmt	White
FIL-1211W	Inner cover stock	Wet Laid	18.6 gsm	White
FIL-9913WDB	Outer cover stock	Wet Laid	18.6 gsm	White, Green, Blue
FIL-41752	Inner cover stock	Bico spunbond PPE/PET	20.0 gsm	White
FIL-00252	Outer cover stock	Polypro spunbond	20.0 gsm	Blue
FIL-22052	Inner cover stock	Polypro spunbond	20.0 gsm	White

**Cotswold is a global leader in the manufacturing of nonwoven components used in the construction of face masks.** For decades we have been making high performing face mask fabrics that are used to protect health care workers and patients worldwide.

## Cotswold inner / outer coverstock:

- Soft, gentle on the skin
- Non-irritating
- Breathable
- Lightweight
- Comfortable for long durations
- Compliant with global standards



[www.cotswoldindustries.com](http://www.cotswoldindustries.com)

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These components are not NIOSH or FDA approved. Recommended only for non-critical medical and non-surgical environments. Cotswold takes no responsibility for any critical or non-intended medical use.

**TextTest Labs**, Columbus, GA

www.texttest.com



## Member Organizations

**AAMI** (Association for the Advancement of Medical Instrumentation)

**ARTA** (American Reusable Textile Association)

**TSA** (Textile Services Association)

**IENT** (Institute of Environmental Sciences and Technology)

**ASTM** (American Society for Testing and Materials)

## Testing Capabilities

### **ASTM F1670 / F1670M - 17**

Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood

### **ASTM F1671 / F1671M - 13**

Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System

## Test Methods

*Each antimicrobial test method is designed to best determine the performance of antimicrobial agents based on their mode of action.*

### **ASTM E2149-13a**

Standard test method for determining the antimicrobial activity of antimicrobial agents under dynamic contact conditions.

### **AATCC TM147-2016**

Antibacterial Activity Assessment of Textile Materials: Parallel Streak Method

### **AATCC TM100-2012** (under static conditions)

Assessment of Antibacterial Finishes on Textile Materials