

COMPONENT FOAM

# Medical Equipment

Hospitals and Medical Centers are vital to the well-being of our communities. Saving lives depends on state-of-the-art medical devices and equipment. Armacell's component foam division makes closed-cell foams that are ideal for use in medical devices and protective equipment, including medical face shields.

**Armacell in action.**

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ArmaComp<sup>™</sup>

## Armacell Material Recommendations: 1" Foam Pad / Strip / Closed Cell Foam

### Application

1" thick foam that acts as a cushion on a medical face shield

### Typical Foam Strip Size

1" wide X 1" thick X 9" length

### Advantages of Closed Cell Foam vs. Open Cell Polyurethane Foam

- Closed cell foam is extremely water resistant
- Open cell foam polyurethane foam (PU) allows water & sweat (body fluids) to enter the foam & can trap airborne germs
- Durable: Closed cell foams are durable with good tensile & tear strength properties.
- If sterilized, closed cell foams could possibly be reused multiple times. Open cell foams are a 1 time use.



### The Recommended Armacell Closed Cell Foams Are:

- Soft
- Flexible - best choice due to the contour bend required
- Adhesive friendly
- Water resistant
- Antimicrobial (3071)
- Latex free

### Standard Products

- EnsoLite® MLC-Black
- Monarch® 3091
- EnsoLite® IUO
- ArmaSport® MLO

### Superior Product

- Monarch 3071 (\*antimicrobial additive)  
\* Tested to ASTM G21 & MIL STD 810 Method 508  
Results: Rating 0

### Additional Information

#### HAZMAT

REACH (statement available)  
RoHS (statement available)

#### Berry Amendment

Armacell LLC certifies that the Component Foam materials referenced above are made in the United States and are in full compliance with the Berry Amendment 10 U.S.C. 2533a in Section 832 of Public Law 107-107.

#### Medical Device Regulation (MDR) EU 2017/745

The MDR requires compliance with a number of REACH Annexes. REACH statements are available for all products listed above.

#### FDA

The raw materials in Armacell Component Foam products listed above meet all the acceptable component level requirements of FDA Part 177.2600, Title: Rubber Articles Intended for Repeated Use.

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Face Shield | Flyer | 052022 | TDS | NA | EN-A

## ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,200 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

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