

## MEDICAL & EMERGENCY WORK FACE SHIELD / MASK

(effective 4/1/20)

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

<b>Application:</b> 1" thick foam that acts as a cushion on a medical face shield
<b>Typical Foam Strip Size:</b> 1" wide X 1" thick X 9" length
Armacell manufactures a large variety of closed cell foams for various markets including medical. <b>A soft, very flexible, lightweight Armacell closed cell foam is the best solution for this application.</b>
<b>Advantages of closed cell foam vs. open cell polyurethane foam:</b> <ul style="list-style-type: none"> <li>✓ Closed cell foam is extremely water resistant</li> <li>✓ Open cell foam polyurethane foam (PU) allows water &amp; sweat (body fluids) to enter the foam &amp; can trap airborne germs</li> <li>✓ Durable: Closed cell foams are durable with good tensile &amp; tear strength properties.</li> <li>✓ If sterilized, closed cell foams could possibly be reused multiple times. Open cell foams are a 1 time use.</li> </ul>
<b>The recommended Armacell closed cell foams are:</b> <ul style="list-style-type: none"> <li>✓ Soft</li> <li>✓ Flexible - best choice due to the contour bend required</li> <li>✓ Adhesive friendly</li> <li>✓ Water resistant</li> <li>✓ Antimicrobial (3071)</li> <li>✓ Latex free</li> </ul>



STANDARD PRODUCTS	SUPERIOR PRODUCTS
<ul style="list-style-type: none"> <li>▪ EnsoLite® MLC-Black</li> <li>▪ Monarch® 3091</li> <li>▪ EnsoLite® IUO</li> <li>▪ ArmaSport® MLO</li> </ul>	<ul style="list-style-type: none"> <li>▪ Monarch 3071 (*antimicrobial additive) *Tested to ASTM G21 &amp; MIL STD 810 Method 508 Results: Rating 0</li> </ul>

ADDITIONAL INFORMATION	
<b>HAZMAT:</b> REACH (statement available) RoHS (statement available)	<b>Medical Device Regulation (MDR) EU 2017/745:</b> The MDR requires compliance with a number of REACH Annexes. REACH statements are available for all products listed above.
<b>Berry Amendment:</b> 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.	<b>FDA:</b> The raw materials in <b>Armacell Component Foam products listed above</b> meet all the acceptable component level requirements of FDA Part 177.2600, <b>Title:</b> Rubber Articles Intended for Repeated Use.

All data and technical information are based on results achieved under typical application conditions. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. By ordering/receiving product you accept the Armacell General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received these.

**For more information contact:**  
 Isabel Wright  
 Senior Technical Manager, Component Foams  
 Cell: 1-440-668-0253  
 E-mail: [Isabel.D.Wright@armacell.com](mailto:Isabel.D.Wright@armacell.com)

[www.armacell.us](http://www.armacell.us)  
 © 2020 Armacell  
 EnsoLite, Monarch, and  
 ArmaSport are registered trademarks  
 of the Armacell Group.