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Isolator Half-Suit Systems

The new isolator Half-Suit system developed for Pharmaceutical applications



In response to the Phthalate hazard created by using PVC flexible films in food and Pharma applications Solo have developed a new all Polyurethane isolator Half-Suit system for sensitive applications. The double layer Half-Suit will fit most isolator mount rings and is supplied with an integral vision helmet, gloves & cuffs and a body cooling / ventilation system.

In addition to being a food rated material Polyurethane is both lighter and more flexible than similar PVC films reducing operator fatigue.

For hazardous applications Solo offer the Half-Suit in a fully ATEX rated film permitting use of the Half-Suit in flammable locations. Fully gas tight "Push-Push" safe change gloves are available for Nitrogen Inerted operations.

Contact the Solo Containment team +44 (0)1625 344014 for more details or email: sales@solocontainment.com

The Solo Isolator Half-Suit will fit most standard isolator mounting rings. Custom designs are available:



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FDA grade Film for ATEX environments
(Heel Recovery Application)



Gas-Tight Push-Push Glove System for
Nitrogen Inerted applications

Typical Solo Half-Suit PU film specifications:

Solo PU Film: is composed of ingredients which meet the current requirements of the FDA for food con-tact applications when used in accordance with the requirements of 21 CFR 175.105 and 177.2600

Commission Regulation (EY) No 10.2011. Regulation No 1935/2004, and Regulation NO. 2023/2006 compliance

Solo PU Film is composed of ingredients which meet the current requirements of Commission Regulation (EU) No 10.2011. All the monomers and additives are listed. Some substances have specific migration limits. A nondisclosure agreement is required to provide compositional information.

Solo PU Film is manufactured at a site that conforms to Management System Standard ISO 9001 quality assurance procedures. These standards require a quality approach to manufacturing and require the manufacturer to best implement the necessary controls consistent with the intent of GMP regulations. Solo PU Film complies with the safety requirements of the EU Framework Regulation (EC) No. 1935/2004 and the Regulation (EC) No. 2023/2006. The manufacturer of the final food contact article must meet the requirements of 1935/2004 particularly the determination of suitability for the application to migrate at levels that exceed any limitation.

Typical Solo Half-Suit Ventilation specifications:

For maximum comfort cooling Solo recommend a ventilation rate of 15 to 20 M³/Hr and fan/ filter systems are available in the Solo product portfolio.

Isolator canopies , mount trays and RTP systems are all available from Solo Containment

For expert advice contact Solo today:

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