

GLOVE BAGS

Glove bags are flexible containments that enclose a contaminated item or form a small work area to confine the spread of contamination. Glove bags can be ventilated or non-ventilated. Ventilated glove bags are large plastic bags, available in different design and sizes are fitted with gloves which allow products to be handled in a contained way. The glove bag is maintained with filtration and ventilation at specific flow rates. Non-ventilated glove bags are large plastic bags, available in different design and sizes are fitted with gloves which allow products to be handled in a contained way without exhaust ventilation.



RMM SPECIFICATION



Effectiveness

Mean: 99%

99% ————— 100%

Implementation

- Ready to use
- Development required
- Without any maintenance
- With regular maintenance

Cost



Target group

- Workers
- Consumer
- Environment

Lifetime



Single use / Years of use

ADVICES TO ENSURE THE MAXIMUM EFFECTIVENESS

Important elements that determine the effectiveness of glove bags are:

1. Connection and disconnection of canister should be studied to avoid any release (cleaning and control of contact surfaces can be carried out). Depending on the type of material handled, the connection and disconnection of canister should be performed with an additional RMM
2. A mock-up should be use to assess ergonomic design prior to purchase. Indeed, these devices could be difficult to use due to restricted movement and visibility
3. Tests should be conduct to check if the RMM is operating as designed
4. Visual information of the pressure level and flow should be installed
5. Maintenance and cleaning steps (change of gloves for example) should be performed with an additional RMM
6. Workers should be trained



To know more

- Current Strategies for Engineering Controls in Nanomaterial Production and Downstream Handling Processes
★★★★★
- Workplace Design Solutions: Protecting Workers during the Handling of Nanomaterials
★★★★☆
- Compilation of NM exposure mitigation guidelines relating to laboratories
★★★★☆

