

Gloves for Glove Boxes



Glove box gloves allow safe handling inside a glove box. Typical applications of these special gloves are:

- Glove boxes, insulators and dismantling tents
- Chemical protection
- Occupational and Civil Protection
- Protection against electrostatic discharge (ESD protection)

Depending on the materials to be handled, a variety of sizes and diameters are available in the following materials:

- Styrene Butadiene Rubber (XSBR)
- Ethylene-Propylene-Diene Rubber (EPDM)
- Bromobutyl Rubber (BIIR)
- Chlorosulfonated Polyethylene (CSM)

For these glove box gloves we also manufacture the matching ports in various designs and materials. See the separate brochure (06301, search term on web site) and ask us.

Carboxylated Styrene-Butadiene Rubber (XSBR)

This glove version offers the user a particularly high wearing comfort and provides a very good tactile sensitivity. The substances of the special glove comply with the current FDA positive list, which apply to the criteria of the pharmaceutical, medical and also of the food industry. The glove is translucent.

Thickness:	Diameter of sleeve:	Diameter of port: (External dimension)	Size:
0.5 mm	180 mm	190...215 mm	L (9-10), XL (11)
0.5 mm	8 in / 203 mm	213...245 mm	L (9-10), XL (11)
0.5 mm	230 mm	240...280 mm	L (9-10), XL (11)
0.5 mm	250 mm	265...305 mm	L (9-10), XL (11)
0.5 mm	300 mm	315...365 mm	L (9-10), XL (11)

The gloves have an ambivalent hand shape (left and right hand wearable)



Ethylene-Propylene-Diene Rubber (EPDM):

The glove allows the user a high wearing comfort and thus provides a very good tactile sensitivity. The substances of the model conform to the current FDA positive list, which apply to the criteria of the pharmaceutical, medical and also of the food industry. Due to its good electrical conductivity, the glove is also suitable for Ex-applications. It has a very good steam sterilizability. Sterilization tests have proven that the glove does not stick or adversely affect permeation.

Thickness:	Diameter of sleeve:	Diameter of port: (External dimension)	Size:
0.4 mm, 0.6 mm	180 mm	190...215 mm	L (9-10), XL (11)
0.4 mm, 0.6 mm	200 mm	213...245 mm	L (9-10), XL (11)
0.4 mm, 0.6 mm	225 mm	240...280 mm	L (9-10), XL (11)
0.4 mm, 0.6 mm	250 mm	265...305 mm	L (9-10), XL (11)
0.4 mm, 0.6 mm	300 mm	315...365 mm	L (9-10), XL (11)

The gloves have an ambivalent hand shape (left and right hand wearable).



Bromobutyl Rubber (BIIR):

This glove is excellently suited for the extreme loads when working with ketones, acids, esters and amine derivatives. It also has a particular advantage in terms of its high gas impermeability. Butyl offers a very good flexibility and a good grip even at low temperatures. Its good temperature resistance also allows use under adverse climatic conditions. The special glove has good electrical discharge properties $< 10^8 \Omega$.

Thickness:	Diameter of sleeve:	Diameter of port: (External dimension)	Size:
0.4, 0.6 mm	180 mm	190...215 mm	L (9-10), XL (11)
0.4, 0.6 mm	200 mm	213...245 mm	L (9-10), XL (11)
0.4, 0.6 mm	225 mm	240...280 mm	L (9-10), XL (11)
0.4, 0.6 mm	250 mm	265...305 mm	L (9-10), XL (11)
0.4, 0.6 mm	300 mm	315...365 mm	L (9-10), XL (11)

The gloves have an ambivalent hand shape (left and right hand wearable)



Chlorosulfonated Polyethylene (CSM):

This model is convincing due to its exceptional resistance to oxygen, ozone, UV, heat and chemical products. It is recommended when working with oxidising products, concentrated nitric acid, concentrated hydrochloric acid, ammonia, concentrated alkalis and alcohols.

Thickness:	Diameter of sleeve:	Diameter of port: (External dimension)	Size:
0.4, 0.6 mm	180 mm	190...215 mm	L (9-10), XL (11)
0.4, 0.6 mm	200 mm	213...245 mm	L (9-10), XL (11)
0.4, 0.6 mm	225 mm	240...280 mm	L (9-10), XL (11)
0.4, 0.6 mm	250 mm	265...305 mm	L (9-10), XL (11)
0.4, 0.6 mm	300 mm	315...365 mm	L (9-10), XL (11)

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