Sleeve

# High Butyl Properties

4/10 mm



**SCOPE**

Life sciences (pharmaceutical industry, hospitals), industry.

Polyisoprene isobutylene sleeve. Excellent gas impermeability, good chemical resistance, and strong resistance to ozone and UV. Electrostatic discharge dissipative glove compliant with EN 16350. Protection against radioactive contamination.

- Economical performance
- Chemical performance
- Mechanical performance
- Storage performance



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## GENERAL INFORMATION

| | |
|---|---|
| Chemical composition | Polyisoprene Isobutylene With High Level Of Properties |
| Material code | BHP |
| Colour | Black |
| Packaging | Individually packed in two-toned black and transparent, heat-sealed and easy-opening pouch. |
| Cleaning / Maintenance | Store in the original packaging between +5°C and +35°C. Expiry date of 4 years in the original packaging. Wash with soapy water, rinse with clear water and then air-dry at a low temperature (<40°C). |
| Treatment | Non-recyclable. Disposal as simple non-toxic waste if not contaminated by a hazardous substance. |
| Sterilisation | Not available in decontaminated or decontaminated-sterile version. |
| Powdering | Standard: powder-free sleeve. |
| Disinfectants | Excellent resistance to the following disinfectants: 0.25% Surfanios, 10% Soproper, 100% Soproper, 70% Isopropyl alcohol. |
| Dimensional tolerances | Thickness: 4/10 mm (min 3/10, max 6/10). Length tolerance (+/- 20 mm). Diameter of the rim: 5 mm (+/-1 mm). |

## PHYSICOCHEMICAL PROPERTIES TEMPERATURE RANGE: -30 TO +110°C

| | |
|---|---|
| Alcohols | — — — |
| Acids, bases | — — – |
| Strong oxidants | — — – |
| Uv, ozone, free radicals, natural ageing | — — — |
| Ketone solvents | — — — |
| Chlorinated solvents | – – – |
| Aromatic solvents | – – – |
| Aliphatic oils and solvents | – – – |
| Peracétic acid sterilisation (3%) | — — – |
| H2O2 Sterilisation (35%) | — — – |
| H2O2 Sterilisation (50%) | — — – |
| 25-50 kGray gamma radiation | – – – |
| Autoclave sterilisation (121°c) | — – – |
| Protection from ionising radiation | non |

* — – – *Not recommanded* — — – *Can be used under certain conditions* — — — *Acceptable* — — — *Recommended*

## MECHANICAL PROPERTIES

| 100% Modulus (1) | Tensile strength (1) | Elongation at break (1) |
|---|---|---|
| < 2.5 MPa | > 13 MPa | > 400% |

(1) (Iso 37 type 2)

*The list of references is available on the website.*

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