A glove made of **Ethylene-Propylene-Diene-Rubber (EPDM)**

The **Jugitec® Pharma** is made of Ethylene-Propylene-Diene-Rubber (EPDM). The glove is comfortable to wear therefore providing a very good dexterity. The content of the material conforms to the current FDA positive list, which in turn applies to the criteria for the pharmaceutical, medical and foodstuffs branches. Due to its good electrical conductivity the glove is also suitable for use in explosive areas. The Jugitec® Pharma is autoclavable. Sterilising tests have proven that the glove does not become sticky nor is there a negative effect on the permeation.

The glove is available in the following versions: glove-box glove, glove-sleeve system and protective working glove.
**MATERIAL PROPERTIES**

- temperature range: from –20°C to +130°C
- the content materials of the basis polymer in accordance with the FDA positive list
- multiple autoclavable without becoming sticky and without having a negative effect on the permeation
- resistant against hydrogen peroxide solutions and against most common disinfecting chemicals
- UV-light and weather resistant
- halogen free, therefore disposable through incineration
- very comfortable with high touch sensitivity
- electrical conductivity < 10⁶ Ω, therefore no electrostatic charging (if connected with ground terminal)
- low permanent deformation
- in the case of increasing inner pressure a “point of tautness” is reached quickly – therefore very suitable for leak-testing equipment for integral gloves

**CHEMICAL RESISTANCE**  In accordance with DIN EN 374-3:2003

<table>
<thead>
<tr>
<th>Testing Chemicals</th>
<th>Protection Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Methanol</td>
<td>3 (&gt; 60 min)</td>
</tr>
<tr>
<td>K Sodium Hydroxide 40%</td>
<td>6 (&gt; 480 min)</td>
</tr>
<tr>
<td>L Sulphuric Acid 96%</td>
<td>6 (&gt; 480 min)</td>
</tr>
</tbody>
</table>

**MECHANICAL PROPERTIES**  In accordance with DIN EN 388:2003

- Abrasion resistance  Degree of protection 4
- Cut resistance  Degree of protection 1
- Tear resistance  Degree of protection 1
- Puncture resistance  Degree of protection 1

---

**Jung Gummitechnik GmbH**

Robert-Bosch-Straße 12  Phone: +49 (0) 6251 / 96340  Email: info@jung-gt.de
64683 Einhausen / Germany  Fax: +49 (0) 6251 / 54938  Web: jugitec.de