



## Einhausen



### JUNG Gummitechnik GmbH

#### Werk I

Robert-Bosch-Str. 2-6

#### Werk II

Robert-Bosch-Str. 12  
64683 Einhausen – Germany

Phone: +49 (0) 6251 | 9634-0

Fax: +49 (0) 6251 | 549-38

## Warstein



#### Werk III

Friedrich-Harkort-Str. 12  
59581 Warstein – Germany

Phone: +49 (0) 2902 | 97916-15

Fax: +49 (0) 2902 | 97916-19



[www.jung-gt.de](http://www.jung-gt.de)  
[info@jung-gt.de](mailto:info@jung-gt.de)

For further information regarding designs, chemical resistances,  
areas of application, etc., please contact our service hotline.

**+49 (0) 29 02 | 979 16-15**

## Viton<sup>®</sup>-protective glove (FKM) with underlyer of Bromobutyl rubber (BIIR)



# INTRODUCTION

## A glove made of **Bromobutyl-Rubber (BIIR)** **with a Viton® coating (FPM)**

This Glovebox protective glove **Jugitec® BV** consists of an underlayer of butyl and a Viton® coating. The Viton® outer layer is resistant to aliphatic and aromatic hydrocarbons (hexane, benzene, toluene, xylene and others), halogenated hydrocarbons (trichloroethylene, perchloroethylene, methylene chloride and many others), organic and inorganic acids, bases (diluted to concentrated) and saturated salt solutions. The butyl layer offers protection during activities with polar hydrocarbons such as esters and ketones. The model has good resistance to ageing and ozone, while at the same time offering high gas impermeability. Due to its high temperature resistance as well as its resistance to many oils, organic solvents or oxidizing chemicals, the glove can be used flexibly and versatilely.

<b>Model:</b>	smooth
<b>Sizes:</b>	L (9-10)/XL (11)
<b>Length:</b>	800 mm
<b>Hand types</b>	fully anatomical/ ambidextrous/ tactile
<b>Thickness AS-HS:</b>	0,5/0,8 mm

### **PROTECTION AGAINST MICROORGANISMS** according to DIN EN ISO 374-5: 2016

Glove to protect against bacteria, fungi and viruses. The resistance against penetration was tested under laboratory conditions and only refers to the tested samples.

ISO 374-1 / Typ A



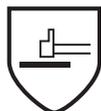
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ISO 374-5: 2016



VIRUS

DIN EN 388



3 1 1 1 X

# PROPERTIES

## **MATERIAL PROPERTIES**

- temperature range: from -20°C to +90°C
- resistance against oils, many solvents and chemicals
- very high gas impermeability, e.g. water vapour
- combination of butyl and viton-coating protects against both hydrocarbons (BIIR) and aromatic solvents (FKM)

## **CHEMICAL RESISTANCE** in accordance with EN ISO 374-1: 2016 + A1: 2018

<b>Testing chemicals</b>	<b>Protection</b>	<b>Index</b>
A Methanol	67-56-1	6 (> 480 min)
F Toluol	108-88-3	6 (> 480 min)
K Sodium hydroxide 40%	1310-73-2	6 (> 480 min)
L Sulfuric acid 96%	7664-93-9	6 (> 480 min)
M Nitric acid 65%	7697-37-2	6 (> 480 min)
N Acetic acid 99%	64-19-7	6 (> 480 min)
O Ammonium hydroxide 25%	1336-21-6	6 (> 480 min)
T Formaldehyde 37%	50-00-0	6 (> 480 min)

## **MECHANICAL PROPERTIES** in accordance with EN 388:2003

Abrasion resistance	Degree of protection 3
Cut resistance	Degree of protection 1
Tear resistance	Degree of protection 1
Puncture resistance	Degree of protection 1
ISO Cut resistance	Degree of protection X