



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
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

Bromobutyl-Rubber (BIIR)



INTRODUCTION

A glove made of **Bromobutyl-Rubber (BIIR)**

The industrial safety glove **Jugitec® B** is an excellent glove for extreme loads when working especially with polar hydrocarbons such as ketones, acids, esters, amine derivatives. It also has a particular advantage with regard to its high gas impermeability. Butyl offers high flexibility and a good sense of grip even at low temperatures. Its good temperature resistance also enables use under adverse climate conditions. The special glove has good electrical discharge properties $< 108 \Omega$, therefore no electrostatic charging takes place (if connected with ground terminal).

Model:	smooth
Sizes:	S (7-7,5)/M (8-8,5)/L (9-10)/XL (11)
Length:	800 mm/920 mm
Hand types:	fully anatomical/ ambidextrous/ tactile
Thickness AS-HS:	0,4/0,6/0,8 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



A B I K L N O T

ISO 374-5: 2016



VIRUS

DIN EN 388



0 1 1 1 X

PROPERTIES

MATERIAL PROPERTIES

- temperature range: from -40°C to $+90^{\circ}\text{C}$
- resistance against oils, many solvents and oxidizing chemicals
- very high impermeability, e.g. steam
- combination butyl and viton coating protects against both hydrocarbons (BIIR) and aromatic solvents (FKM)

CHEMICAL RESISTANCE in accordance with DIN EN 374-3:2003

Testing chemicals	Protection	Index
A Methanol	67-56-1	6 (> 480 min)
B Acetone	67-64-1	6 (> 480 min)
I Ethyl acetate	141-78-6	3 (> 60 min)
K Sodium hydroxide 40 %	1310-73-2	6 (> 480 min)
L Sulfuric acid 96%	7664-93-9	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 0
Cut resistance	Degree of protection 1
Tear resistance	Degree of protection 1
Puncture resistance	Degree of protection 0
ISO Cut resistance	Degree of protection X