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Bromobutyl-Rubber (BIIR)



INTRODUCTION

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

The industrial safety glove **Jugitec® B** is an excellent glove for the extreme loads when working especially with polar hydrocarbons such as ketones, esters, aldehydes, amines and also acids, bases (alkalis) and salt solutions. 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 $< 10^8 \Omega$, therefore no electrostatic charging takes place (if connected with ground terminal).

Model:	smooth/rough finish
Sizes:	7/8/9/10/11
Length:	350 mm
Hand types:	fully anatomical
Thickness:	0,3/0,5/0,7 mm

ISO 374-1 / Type A



A B I K L N O T

ISO 374 -5



VIRUS

EN 16350



PROPERTIES

MATERIAL PROPERTIES

- temperature range: from -40°C to $+90^{\circ}\text{C}$
- highly impermeable to steam and gases
- high resistance against a variety of toxic substances
- discharge capacity according to EN 16350
- the Jugitec® B03/05/07 meets the criteria for maximum PAH contents according to AfPS GS 2014:01 PAH
- the Jugitec® B05 is tested against mustard gas as a vesicant and against sarin as a nerve (warfare) agents

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

Testing chemicals	CAS-No.	Index
A Methanol	67-56-1	6 (> 480 min)
B Acetone	67-64-1	5 (> 240 min)
I Ethyl acetate	141-78-6	2 (> 30 min)
K Sodium hydroxide 40%	1310-73-2	6 (> 480 min)
L Sulfuric acid 96%	7664-93-9	4 (> 120 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)

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.