JUGITEC®

B | BV | H | E | ISOflex | Pharma | Pharma Plus |

OUR GLOVES

Safety for Glovebox and Occupational Safety

JUNG
GUMMITECHNIK GmbH

JUNG GUMMITECHNIK – Specialization for Success

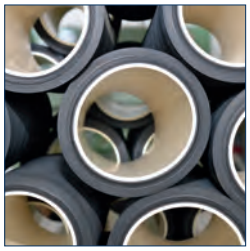
Einhausen

Jung Gummitechnik GmbH is an internationally active company in the field of rubber technologies with headquarters in Einhausen in the Rhine-Main-Neckar region. It belongs to the OWG Group and thus to the REMA TIP TOP Group. Founded in 1982, the competence of the company has been the development of various products made of elastomers of highest quality. The company, including its products, has been continuously developed and expanded further. Initially, the focus was on hand-made hoses, moulded hoses, dipped products and moulded products. Later, the product portfolio was expanded to include gloves for occupational safety.

Warstein

Since 2018, the company has a further location in Warstein in the Sauerland region.

Around 200 employees in four different plants at the Einhausen and Warstein sites dip, press and mould on a total area of approx. 25,000² with state-of-the-art technology and the latest safety standards. The company always focuses on product quality as well as customer requirements. JUNG Gummitechnik GmbH offers a wide range of high-quality rubber articles in different colors, shapes, qualities and resiliences, as well as custom-made products and individual designs for customers all over the world.



HOSES & HOSE PIECES

MOULDED HOSES

MOULDED PARTS

SAFETY GLOVES

GLOVEBOX AND INSULATOR GLOVES

OUR GLOVES

Gloves – Safety for Glovebox and Occupational Safety,

another division of **JUNG Gummitechnik GmbH**. With more than 30 years of experience in the development and production of various gloves, the company has developed a qualified expertise in this segment. Safety at work has the highest priority. The production of the protective gloves is always carried out according to the latest occupational safety regulations. In addition, all variants are certified and tested by independent testing institutes.

The product portfolio includes gloves for occupational safety up to 35 cm in length as well as various variants for use in glove boxes. The area of safety gloves focuses on protection against a wide variety of chemicals, which has been intensively developed in recent years.

Industries / Fields of application

OCCUPATIONAL SAFETY AND HEALTH		USER AND PRODUCT PROTECTION				
Chemical protection		Insulating protective gloves	Glovebox – Insulator gloves			
Jugitec B03/05/07	Jugitec BV03/BV07	Jugitec E	Jugitec B	Jugitec H	Jugitec Pharma	Jugitec Pharma Plus	Jugitec ISOflex
Chemistry Biology Automotive industry Handling of liquids Laboratories		Electric Automobile Energy sector Machine and equipment maintenance Working under voltage	Semiconductor industry Chemistry Biology Laboratories Nuclear sector Aerospace	Nuclear industry Pharma Medical technology Life Science	Pharma Medical technology Life Science		

NORMS, STANDARDS & CERTIFICATIONS
SAFETY FOR GLOVEBOX & OCCUPATIONAL HEALTH & SAFETY

Jugitec gloves are compliant with the PPE Regulation (EU) 2016/425 and the standards:

EN ISO 21420:2020: General requirements and test methods for protective gloves
EN ISO 374: Protection against chemicals and microorganisms
EN 388: Protection against mechanical risks*
EN 16350: Electrostatic properties*
EN 60903: Live working – gloves made of insulating material*
GS-ET-42-1: Protection against the thermal effects of an arc fault*
FDA food contact regulations (FDA positive list) 21 CFR 177 Indirect Food Additives*

* Please check the product data, depending on the version/polymer of a glove.

DEKRA zertifiziert
Qualitätsmanagement
Umweltmanagement
ISO 9001
ISO 14001
www.dekra-siegel.de

IPA Fraunhofer TESTED DEVICE
Jugitec Pharma
Report No. JU 2008-1169

TÜV SÜD

Certified by an accredited testing and certification organization
CE 0299 CE 0121

VARIANTS OF GLOVES – OCCUPATIONAL SAFETY

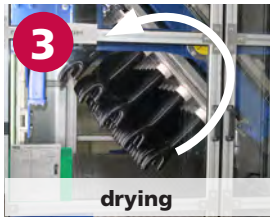
JUGITEC®	OCCUPATIONAL SAFETY					
	B 03	B 05	B 07	BV 03	BV 07	H
	Bromobutyl-Rubber (BIIR)			Viton®-protective glove (BIIR / FKM)		Chlorosulfonated Polyethylene (CSM)
MATERIAL PROPERTIES						
Temperature resistance	-40°C to +90°C	-40°C to +90°C	-40°C to +90°C	-20°C to +90°C	-20°C to +90°C	-20°C to +120°C
Impermeability of steam	✓	✓	✓	✓	✓	✓
Latex free	✓	✓	✓	✓	✓	✓
Impermeability of gas	✓	✓	✓	✓	✓	✓
Resistance against ...						
... toxins	✓	✓	✓	✓	✓	✓
... alkalis and acid	✓	✓	✓	✓	✓	✓
... polar hydrocarbs as esters and ketons	✓	✓	✓	✓	✓	
... UV rays and ozone	✓	✓	✓	✓	✓	✓
... non-polar hydrocarbons and aromatics				✓	✓	✓
... halogenated hydrocarbons				✓	✓	
... hydrogen peroxide	✓	✓	✓	✓	✓	✓
... oils and greases				✓	✓	
... disinfectant solutions	✓	✓	✓	✓	✓	✓
... oxidizing chemicals	✓	✓	✓	✓	✓	✓
CHEMICAL RESISTANCE (indicating the protection index) **in accordance with EN ISO 374-1: 2016 + A1: 2018**						
A Methanol	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	4 (> 120 min)
B Acetone	5 (> 240 min)	6 (> 480 min)	6 (> 480 min)	4 (> 120 min)	6 (> 480 min)	N.T.
C Acetonitrile	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	N.T.
D Dichloromethane	0 (< 15 min)	0 (< 15 min)	0 (< 15 min)	3 (> 60 min)	3 (> 60 min)	N.T.
E Carbon disulfide	0 (< 15 min)	0 (< 15 min)	0 (< 15 min)	N.T.	N.T.	N.T.
F Toluene	0 (< 15 min)	0 (< 15 min)	0 (< 15 min)	6 (> 480 min)	6 (> 480 min)	N.T.
G Diethylamine	0 (< 15 min)	0 (< 15 min)	0 (< 15 min)	N.T.	N.T.	N.T.
H Tetrahydrofurane	0 (< 15 min)	0 (< 15 min)	0 (< 15 min)	N.T.	N.T.	N.T.
I Ethyl acetate	2 (> 30 min)	4 (> 120 min)	5 (> 240 min)	N.T.	N.T.	N.T.
J Heptane	0 (< 15 min)	0 (< 15 min)	0 (< 15 min)	6 (> 480 min)	6 (> 480 min)	N.T.
K Sodium hydroxide 40%	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)
L Sulfuric acid 96%	4 (>120 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)
M Nitric acid 65%	4 (>120 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	N.T.
N Acetic acid 99%	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	N.T.
O Ammonium hydroxide 25%	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	N.T.
P Hydrogen peroxide 30%	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)
T Formaldehyde 37%	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	6 (> 480 min)	N.T.
MECHANICAL PROPERTIES (indicating the protection level) **in accordance with EN388:2016 + A1:2018**						
Abriebfestigkeit	1	2	2	1	2	3
Schnittfestigkeit	0	1	1	1	1	1
Weiterreißfestigkeit	1	1	1	1	1	0
Durchstoßfestigkeit	0	0	0	0	1	1
ISO Schnittfestigkeit	X	X	X	X	X	X

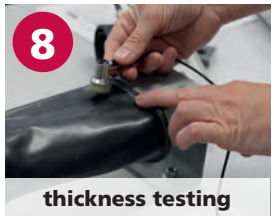
*KWS – hydrocarbons
N.T. – not tested

VARIANTS OF GLOVES – OCCUPATIONAL SAFETY

JUGITEC®	OCCUPATIONAL SAFETY					
	B 03	B 05	B 07	BV 03	BV 07	H
	Bromobutyl-Rubber (BIIR)			Viton®-protective glove (BIIR / FKM)		Chlorosulfonated Polyethylene (CSM)
MODEL						
smooth	✓	✓	✓	✓	✓	✓
rough finish	✓	✓	✓			
SIZES						
7 / 8 / 9 / 10 / 11	✓	✓	✓	✓	✓	✓
LENGTH						
300 mm				✓		
350 mm	✓	✓	✓		✓	✓
FORM						
fully anatomical	✓	✓	✓	✓	✓	✓
THICKNESS						
0,3 mm	✓			✓		
0,4 mm						✓
0,5 mm		✓				
0,7 mm			✓		✓	

Production process Chemical protection gloves





JUGITEC®	INSULATING PROTECTIVE GLOVES		
	E - Class 00	E - Class 00	E - Class 0
Temperature resistance	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Allergen-free	✓	✓	✓
Max. operating voltage [V] (alternating current)	500	500	1000
Category	A, C, Z**	A, C, Z**	R, C**
Compliant with EN 60903/IEC 60903	✓	✓	✓
Arc fault protection according to GS-ET-42-1 APC 1 (4 kA/300mm)	Only in combination with an under-glove	yes	yes
Version	smooth, roughened	smooth, roughened	smooth, roughened
Sizes	9, 10*	9, 10*	9, 10*
Lengths	280 mm, 360 mm	280 mm, 360 mm	280 mm, 360 mm, 410 mm
Form	fully anatomical	fully anatomical	fully anatomical
Material thickness	0.5 mm	0.75 mm	1.0 mm

*other sizes on request
**A: Resistant to acid, H: Resistant to oil, Z: Resistant to ozone, R: Resistant to acid, oil and ozone, C: Resistant to extremely low temperatures

VARIANTS OF GLOVES – GLOVEBOX

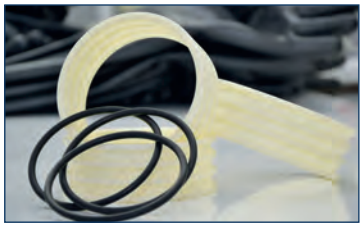
JUGITEC®	GLOVEBOX AND INSULATOR GLOVES				
	B	**H**	**Pharma**	**Pharma PLUS**	**ISOflex**
	Bromobutyl-Rubber (BIIR)	Chlorosulfonated Poly-ethylene (CSM)	Ethylene-Propylene-Diene-Rubber (EPDM)		XSBR-Elastomer
MATERIALEIGENSCHAFTEN					
Temperature resistance	-40°C to +90°C	-20°C to +120°C	-20°C to +130°C	-20°C to +130°C	-20°C to +80°C
Impermeability of steam	✓	✓	✓	✓	
Latex free	✓	✓	✓	✓	✓
Impermeability of gas	✓	✓			
Dissipative according to EN 16350	✓		✓		
FDA compliant			✓	✓	✓
Resistance against ...					
... toxins	✓	✓	✓	✓	
... alkalis and acid	✓	✓	✓	✓	
... polar hydrocarbs as esters and ketons	✓				
... UV rays and ozone	✓	✓	✓	✓	✓
... non-polar hydrocarbons and aromatics		✓			
... halogenated hydrcarbons					
... hydrogen peroxide	✓	✓	✓	✓	✓
... oils and greases					
... disinfectant solutions	✓	✓	✓	✓	✓
... oxidizing chemicals	✓	✓	✓	✓	✓
CHEMICAL RESISTANCE (indicating the protection index) **in accordance with EN ISO 374-1: 2016 + A1: 2018**					
A Methanol	6 (>480 min)	4 (>120 min)	3 (>60 min)	3 (>60 min)	5 (>240 min)
B Acetone	6 (>480 min)	N.T.			
C Acetonitrile	6 (>480 min)	N.T.			
D Dichloromethane	0 (<15 min)	N.T.			
E Carbon disulfide	0 (<15 min)	N.T.			
F Toluene	0 (<15 min)	N.T.			
G Diethylamine	0 (<15 min)	N.T.			
H Tetrahydrofurane	0 (<15 min)	N.T.			
I Ethyl acetate	3 (>60 min)	N.T.			
J Heptane	0 (<15 min)	N.T.			
K Sodium hydroxide 40%	6 (>480 min)	6 (>480 min)	6 (>480 min)	6 (>480 min)	6 (>480 min)
L Sulfuric acid 96%	6 (>480 min)	6 (>480 min)	6 (>480 min)	6 (>480 min)	6 (>480 min)
M Nitric acid 65%	6 (>480 min)	N.T.			
N Acetic acid 99%	6 (>480 min)	N.T.			
O Ammonium hydroxide 25%	6 (>480 min)	N.T.			
P Hydrogen peroxide 30%	6 (>480 min)	6 (>480 min)	6 (>480 min)	6 (>480 min)	6 (>480 min)
T Formaldehyde 37%	6 (>480 min)	N.T.	6 (>480 min)	6 (>480 min)	N.T.
MECHANICAL PROPERTIES (indicating the protection level) **in accordance with EN388:2016 + A1:2018**					
Abrasion resistance	0	1	2	1	1
Cut resistance	1	1	0	0	0
Tear resistance	1	1	1	0	X
Puncture resistance	0	1	0	0	1
ISO Cut resistance	X	X	X	X	X

Special gloves with emphasise on product protection – please contact us for further information.

*KWS – hydrocarbons
N.T. – not tested

VARIANTS OF GLOVES – GLOVEBOX

JUGITEC®	GLOVEBOX AND INSULATOR GLOVES				
	B	H	Pharma	Pharma PLUS	ISOflex
	Bromobutyl-Rubber (BIIR)	Chlorosulfonated Polyethylene (CSM)	Ethylen-Propylen-Dien-Kautschuk (EPDM)		XSBR-Elastomer
MODEL					
smooth	✓	✓	✓	✓	✓
SIZE					
L	✓	✓	✓	✓	✓
XL	✓	✓	✓	✓	✓
LENGTH					
800 mm	✓	✓	✓	✓	✓
920 mm	✓	✓	✓	✓	✓
FORM					
Can be worn with both hands	✓	✓	✓	✓	✓
THICKNESS					
0,4 mm	✓	✓	✓		
0,5 mm				✓	✓
0,6 mm	✓	✓	✓		
GAUNTLET DIAMETERS					
	Depending on the hand size, different gauntlet diameters between Ø 145 mm and Ø 300 mm are available. Use our glove configurator to effortlessly determine your desired model. Simply click through the menu bar specified equipment details under: **https://konfigurator.jung-gt.de**				
ADDITIONAL PROPERTIES					
Gamma irradiation	N.T.	○○●	●●●	●●●	●●●
Autoclave sterilization	N.T.	○○●	●●●	●●●	Not suitable
VHP / H2O2 Absorption Desorption	N.T.	●●●	●●●	●●●	●●●



Use our glove sleeve system, to combine the protective gloves with the sleeves.

Protect your glove port with the matching cover cap.

JUNG
GUMMITECHNIK GmbH

WHY ARE WE SPECIAL?

- Use of latex-free material only
- Seamless gloves
- Fully anatomical and ambidextrous
- Special models on request possible
- Observance of customer-specific audits
- Made in Germany

Einhausen

Warstein

JUNG Gummitechnik GmbH

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