



NITRILE GLOVE ASSEMBLY
TECHNICAL PRODUCT DATASHEET
REV-04-2020

NITRILE GLOVE ASSEMBLY

The Nitrile glove assembly combine Nitrile replacement hand gloves with your chosen type of sleeve.



The assembly comes with two pairs of replacement gloves as standard. Larger quantities of Nitrile gloves can be purchased separately. The following are Nitrile hand glove key features.

- Manufactured from Nitrile.
- Good chemical resistance.
- Flock lined for user comfort.
- Textured fingertips.
- Supplied as handed only, not ambidextrous.

CERTIFICATION & STANDARDS

- Complies with European Directive PPE Category 3
- Protection against mechanical risks. EN388:2016
- Protection against chemicals. EN ISO 374-1
- Protection against micro-organisms. EN ISO 374-5:2016



EN388:2016



EN ISO 374-1
:2016/TYPE A



EN ISO
374-5:2016



See overleaf for details on standards.

SPECIFICATIONS

Colour	Green
Hand Sizes (See Details Overleaf)	7 - 8 - 9 - 10
Thickness	0.4mm - 0.015"
Length	320mm - 13"
Recommended in-use lifespan	< 3 Months (Light duty)
Recommended Temperature Range	-30°C to + 110°C (-22F to 230F)

ADDITIONAL INFORMATION

Shelf Life	1 Year
Storage	Dry conditions. temperature between +5°C to +25°C (41°F to 77°F) Avoid direct sunlight or ozone sources.
Disposal	Non Recyclable. Classified as non-toxic waste (assuming cleaned when disposed).
Constituents / Allergies	Does not contain any substances at levels that are known to, or suspected to, adversely affect user hygiene or health.

See overleaf for details on standards.

FEATURES & TECHNOLOGY



Chemical
Resistant



Great
Dexterity



Great
Comfort

CONNECTOR CUFF & O RINGS

The assembly comes with a connector cuff and four O-rings as a standard. Both of these glove accessories can be purchased separately.



SLEEVE TYPES AVAILABLE

Sleeves are available in Butadyl, Hypalon (CSM), Nitrile, Butyl, Neoprene or EDPM and all of them come in two different port sizes, 8" – 203mm and 10"-254mm. For more details, click on each individual sleeve to access their specific technical information.





BUTADYL SLEEVE

- Good chemical resistance
- FDA Compliant
- Antistatic
- UV Resistant



HYPALON CSM SLEEVE

- Good chemical resistance
- UV resistant
- Excellent impermeability against gases



NITRILE SLEEVE

- Good chemical resistance
- Sterile
- Antistatic



BUTYL SLEEVE

- Good chemical resistance
- Anti-static
- UV Resistant
- Excellent impermeability against gases



NEOPRENE SLEEVE

- Good Chemical resistance
- Good mechanical protection
- UV resistant



EDPM SLEEVE

- Good chemical resistance
- FDA compliant
- Antistatic
- UV Resistant



CERTIFICATION LEGENDS

EN407:2004



BURNING BEHAVIOUR (0-4)	CONTACT HEAT (0-4)	CONVECTIVE HEAT (0-4)	RADIANT HEAT (0-4)	SMALL SPLASHES MOLTEN METAL (0-4)	LARGE QUANTITY MOLTEN METAL (0-4)
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EN ISO 374-1 :2016/TYPE ☐



A	Methanol
B	Acetone
C	Acetonitrile
D	Dichloromethane
E	Carbon Disulphide
F	Toluene
G	Diethylamine
H	Tetrahydrofuran
I	Ethyl acetate
J	n-Heptane
K	Sodium Hydroxide (40%)
L	Sulphuric Acid (96%)
M	Nitric Acid (65%)
N	Acetic Acid (99%)
O	Ammonia (NH ₄ OH) (25%)
P	Hydrogen Peroxide (30%)
S	Hydrofluoric acid (20%)
T	Formaldehyde (37%)

EN ISO 374-5:2016



TYPE A: Gloves have achieved level 2 or greater against six of the chemicals listed in EN ISO 374-1 (below). The tested chemicals are identified by their code letters under the flask pictogram.

TYPE B: Achieved level 2 or greater against at least three of the chemicals.

TYPE C: Achieved at least a level 1 against one of the chemicals.

EN511:2006



CONVECTIVE COLD (0-4)	CONTACT COLD (0-4)	WATER PENETRATION (0-1)
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EN388:2016



ABRASION (0-4)	CUT (0-5)	TEAR (0-4)	PUNCTURE (0-4)	TDM Cut (A-F)	IMPACT (P)
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* For dulling during cut resistance test (6.2), the coupe test results are only indicative while the TDM cut resistance test (6.3) is the reference performance result.

EN 420 SIZING SYSTEM

SIZE	HAND Ø (MM)	LENGTH (MM)	MIN. LENGTH OF GLOVE
6	152	160	220
7	178	171	230
8	203	182	240
9	229	182	250
10	254	204	260