WORKSafe®
PEOPLE PROTECTION

Product Specification Sheet

WORKSAFE® NITCHEM NITRILE GLOVES

CHEMICAL-RESISTANT GLOVES

EN388: 2016
4101X

EN ISO 374-1: 2016/TYPE A
AJKLOT

EN ISO 374-5: 2016

Latex-free 100% nitrile content offers an outstanding combination of strength and chemical resistance. Superior protection against cuts, snags, abrasions and punctures. Outperforms natural rubber, neoprene and vinyl gloves when exposed to solvents, caustics and animal fats. Curved shaped hand provides a natural fit. Available in flock lining that wicks sweat away from the skin and allows for easy on/easy off. Component materials comply with FDA Regulations for food contact.

- Chemical processing
- Food processing
- Aerospace and automotive degreasing
- Oil refining and petrochemicals
- Chemical and glass handling

PRODUCT CODE
WSWG37715
Flock-lined nitrile gloves,
Gauge: 15mil, Length: 33cm
Size (X): 7/8/9/10
12prs/bag, 12 bags/case

Main Component :
Nitrile Rubber, Pigment, Zinc Oxide, Sulphur, Zinc Di-buthyl-dithiocarbamate, Titanium Dioxide, Polyacrylate, Auxilaries.
Finishing **- External :** Chlorinated
- Internal : 100% Cotton flocked
Palm Pattern : Diamond Grip

Size	7	8	9	10
Length	330±10	330±10	330±10	330±10
EN Size	7	8	9	10
Palm Size	95	100	110	115
Thickness	0.38±0.05	0.38±0.05	0.38±0.05	0.38±0.05

Remark:- All unit in millimeter

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CHEMICAL CHART: WSWG37715

CHEMICAL NAME	CAS NO	BTT	P-I
Acetic Acid 99%	64-19-7	> 120	4
Acetone	67-64-1	< 10	0
Ammonia 10%	1336-21-6	> 480	6
Ammonia Acetate	631-61-8	> 480	6
Ammonia Chloride	12125-02-9	> 480	6
Ammonia Nitrate	6484-52-2	> 240	5
Calcium Chloride	10043-52-4	> 240	5
Calcium Hydroxide	1305-62-0	> 240	5
Calcium Hypochloride	7778-54-3	> 240	5
Calcium Nitrate	10124-37-5	> 480	6
Carbon Tetra Chloride	56-23-5	> 120	4
Chloroform	865-49-6	< 10	0
Citric Acid (Pure)	77-92-9	> 480	6
Cyclo-hexane	110-82-7	> 480	6
Cyclo-Hexanol	108-93-0	> 480	6
Diesel Oil	68334-30-5	> 480	6
Diethylamine	109-89-7	> 30	2
Diethyether	60-29-7	> 60	3
DOP	117-84-0	> 480	6
Ethanol	64-17-5	> 60	3
Ethylene Glycol	107-21-1	> 480	6
Formaldehyde 30%	50-00-0	> 480	6
Formic Acid 90%	64-18-6	> 60	3
Glycerine	56-81-5	> 480	6
Glycol	111-46-6	> 480	6
Heptane	142-82-5	> 480	6
Hexane	110-54-3	> 480	6
Hydrochloric Acid (30%)	7647-01-0	> 240	5
Hydrofluoric Acid (14%)	7664-39-3	> 480	6
Hydrogen Peroxide 31%	7722-84-1	> 480	6
ISO-Propanol	67-63-0	> 480	6
Kerosene	8008-20-6	> 480	6
Methanol	67-56-1	> 60	3
Methylene Chloride	75-09-2	< 10	0
Methylethylketone (MEK)	78-93-3	< 10	0
Nitric Acid 20%	7697-37-2	> 480	6
Octane	111-65-9	> 480	6
Oliec Acid	112-80-1	> 480	6
Oxalic Acid (Pure)	144-62-7	> 480	6
Paraffin oil	8012-95-1	> 480	6
Phosphoric Acid (85%)	7664-38-2	> 480	6
Potassium Nitrate	7757-79-1	> 480	6
Potassium Phosphate	7758-11-4	> 480	6
Sodium Nitrate	7631-99-4	> 480	6
Sodium Sulphate	7757-82-6	> 480	6
Sodium Phosphate	7601-54-9	> 480	6
Sulphuric Acid 98%	7664-93-9	> 60	3
Tetrahydrofuran (THF)	109-99-9	< 10	0
Toluene	108-88-3	> 30	2

*** **NT** - Not Tested
> - Greater than

Permeation Index	
< 10 minutes	0
> 10 minutes	1
> 30 minutes	2
> 60 minutes	3
> 120 minutes	4
> 240 minutes	5
> 480 minutes	6

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For Safe Use:

- Selection: Ensure these gloves are suitable for the type of chemicals you will be handling by consulting the Chemical Resistance Guide found in the QR Code. Misuse may result in injury or health hazards.
- Inspection: Before each use, inspect gloves for tears, punctures, or signs of wear. Compromised gloves should not be used.
- Donning: Ensure hands are clean and dry before wearing. Slide hands in gently to avoid tearing.
- Doffing: Remove gloves carefully to avoid contact with the outer surface. Pull from the wrist down, turning the glove inside out.
- Cleaning and Maintenance: Clean gloves after each use according to manufacturer instructions. Store in a cool, dry place away from direct sunlight and extreme temperatures.

Safety Precautions:

- Refer to the Chemical Resistance Guide for glove usage duration when in direct contact with permissible chemicals
- Avoid direct contact with chemicals that are not found in the Chemical Resistance Guide
- Do not use damaged gloves.
- In case of chemical exposure to skin, rinse immediately with plenty of water and seek medical advice.
- Use in well-ventilated areas when handling volatile chemicals.

Warning:

- These gloves provide barrier protection against chemical exposure. They are not invulnerable to all substances and do not provide unlimited protection.
- Sensitivity to glove material may occur in some individuals. If signs of allergic reaction appear, discontinue use immediately and consult a physician.

Limitations:

- Not for use with high-temperature materials or open flames.
- Mechanical resistance (cuts, punctures) varies by glove material and design. Refer to product specifications for details.

Disposal:

- Dispose of used gloves according to local regulations for chemical-contaminated waste.

Emergency:

- In case of a chemical spill or exposure, follow your organization's safety protocols. Remove contaminated gloves and wash exposed skin thoroughly.

Manufacturer Contact:

- For questions or concerns regarding glove use, chemical resistance, or safety, please contact our customer service at PDS International Pte Ltd.