

NORTH

North Safety Products

TECHNICAL DATA SHEET



PRODUCT NAME: NITRI-KNIT NK803ESIN

DESCRIPTION: 100% High-Grade Nitrile coated supported glove with Cotton/Poly Insulating Liner

COMPONENTS/CHARACTERISTICS:

- Superior resistance to cuts, snags, abrasions and punctures.
- Performs better than natural rubber, neoprene and vinyl gloves when exposed to solvents, caustics and animal fats.
- Insulating poly/cotton liner for low or elevated temperatures.
- Tested up to 500 degrees F for short durations and works well up to 300 degrees F for longer periods of time.
- Hand portion is treated with an anti-bacterial and anti-mildew agent.
- Unique textured rough finish provides for an improved grip when handling oily or wet objects.
- Gloves can be laundered.
- Will not swell, sag or weaken from fat absorption.
- Cuff: Elastic (attached)
- Sizes: 7, 8, 9, 10, 11
- Length: 26" (660mm)
- Nominal thickness 40 mil (1mm)
- Color coded stitching indicates size to aid sorting after laundering:
 - Pink 7
 - Blue 8
 - Green 9

- Yellow 10
- Red 11

CHEMICAL RESISTANCE:

Nitrilnitril NK803 Gloves				
Chemical Name	CAS No.	Degradation	Breakthrough Time	Permeation Rate mg/m ² /sec
Acetone	67-64-1	P	< 4 min	240
Benzene	71-43-2	P	6 min	11
Cyclohexane	110-82-7	E	> 8 hrs	N/D
Methyl Chloride	74-87-3	F	> 8 hrs	N/D
Acetonitrile	75-05-8	P	4 min	15
Ethylene Oxide	75-21-8	F	> 8 hrs	N/D
1,2 Epoxypropane	75-56-9	P	4 min	5.2
2,4-Diaminotoluene	95-80-7	E	> 8 hrs	N/D
Styrene	100-42-5	P	4 min	5.5
Heptane	142-82-5	E	> 8 hrs	0.007
Hydrogen Chloride	7647-01-0	E	> 8 hrs	N/D
Hydrochloric Acid (37% in water)	7647-01-0	F	31 min	5.5
Isopropyl Alcohol	67-63-0	E	2.2 hrs	5.9
Ammonia	7664-41-7	E	> 8 hrs	N/D
Sulfuric Acid, 93%	7664-93-9	P	17 min	N/R
1,3-Butadiene	106-99-0	E	> 8 hrs	N/D
Gasoline	8006-61-9	G	1.1 hrs	1.8
Allyl Alcohol	107-18-6	F	16 min	0.8
Carbon Tetrachloride	56-23-5	F	42 min	23.6
Toluene	108-88-3	P	5 min	634
Sodium Hydroxide	1310-73-2	E	> 8 hrs	N/D
Chlorine	7782-50-5	P	> 8 hrs	N/D
Tetrachloroethylene	127-18-4	P	30 min	11.2
Ford Motor Oil FH1996 ATF	N/A	E	> 8 hrs	N/D
Hexane	110-54-3	E	5.8 hrs	0.05
Kerosene	8008-20-6	E	> 8 hrs	N/D
Methanol	67-56-1	E	17 min	4.9
Naphtha	8052-41-3	E	> 8 hrs	N/D

E = Excellent N/D = None Detected
 G = Good I/D = Insufficient Data
 F = Fair
 P = Poor

- Good for total immersion
- Good for accidental splash protection and intermittent contact
- Only use with extreme caution. Glove will fail with only short exposure

CERTIFICATIONS/STANDARDS:

Complies with USDA and FDA regulations, 21 CFR, for use in food processing.

CE Certification Data:

EN420

EN388

Abrasion

4

Cut

1

Tear

1

Puncture

1



EN374



INTENDED USE:

Chemical Handling, Fishing Industry, Food Processing, Refinery work, Automotive Assembly and Painting, Dip Tank Work.

SHELF LIFE/STORAGE:

3 year shelf life (from date of manufacture) when stored in a dry environment. .
Recommended temperature range: 50° F to 86° F (10° C to 30° C).

ORDERING/PACKAGING INFORMATION:

Inner Case: 6 pair
Case Pack: 6 dozen
Case Dimensions: 22.0” (558.8mm) x 14.0” (355.6mm) x 13.0” (330.2mm)
Case Weight: 38.5lbs.

COUNTRY OF ORIGIN:

Vietnam

WARRANTY:

North products are covered by and subject to the terms of the North Safety Products Limited Warranty that appears in our annual price list. The North Safety Products Limited Warranty is the only written warranty of any force and effect, and all other written warranties are disclaimed in their entirety. In no event shall North Safety Products or any of its authorized dealers be liable for any damages in excess of the purchase price of the relevant product. This limitation applies to damages of any kind, including but not limited to direct or indirect damages or other special, incidental, exemplary or consequential damages, whether arising out of the use or inability to use the product, even if we or any of our authorized dealers has been advised of the possibility of the damages or any claim by any other party. Servicing of any product with parts not approved by us will void the warranty and may result in loss of any certification or approval applicable to the product.

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