



NT450

DUPONT™ TYCHEM® NT450

Effective June 2021, all Tychem® Glove styles (including PVC, Nitrile, Neoprene, and Butyl) are discontinued. No substitutions are available.

Name	Description
Length	14 in (356 mm)
Thickness	56 mil /13 mil (nominal coating)
Liner	Cotton/Polyester
Coating	100% nitrile
Cuff Style	Scalloped Edge
Color/Grip	Blue/Rough Texture
Packaging	12 pairs per bag/6 bags per box: 72 total pairs

FEATURES & PRODUCT DETAILS

With all Tychem® garments and gloves in DuPont™ SafeSPEC™, you have a single source for determining the appropriate protection for the job.

Your job may be strenuous, but finding the appropriate protection shouldn't be. Tychem® provides a single source for selecting complete protection for your workers in hazardous environments.

- Protects the hand and forearm from oils, hydrocarbons, grease and abrasion
- Double nitrile coating provides excellent chemical, oil and abrasion resistance
- Impermeable for working in damp or greasy environments
- Rough textured finish over surface of hand
- Ergonomic fit
- Natural rubber free
- Wrist protection
- Complies with FDA food handling requirements (21CFR 177.2600)

AVAILABLE OPTIONS

Sizes	Full Part Number
8	NT4500BU080144KL
9	NT4500BU090144KL
10	NT4500BU100144KL
11	NT4500BU110144KL

TYPICAL INDUSTRIES

- Agriculture
- Food
- Municipal services
- Oil and Gas
- Chemical
- Construction
- Manufacturing

APPLICATIONS

- Agrochemicals
- Chemical handling
- Handling paints
- Handling fluid-coated components
- Handling oils
- Industrial tool maintenance
- Refining

RECOMMENDATIONS FOR USE

- Store away from light and humidity
- Rinse gloves in running water before removing, using a neutral detergent if necessary
- Do not wear gloves when there is a risk of entanglement by moving parts of machines
- Potential allergies: thiazole
- Gloves should not be used around heat, open flame, sparks or in potentially flammable environments
- For Professional Use Only

Download Permeation Guide

CHEMICAL RESISTANCE

Hazard / Chemical Name	Cas Number	Phase	ASTM F739 Continuous Contact NBTT .	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
3-Dimethylaminopropylamine	100-52-7	Liquid	imm		F	NR	NR	NR
Acetic acid (84%)	64-19-7	Liquid	360					
Acetic acid ethyl ester	141-78-6	Liquid	imm					
Acetic acid pentyl ester	628-63-7	Liquid	imm					
Acetone	67-64-1	Liquid	imm					
Acetonitrile	75-05-8	Liquid	imm					
Acrylonitrile	107-13-1	Liquid	imm					
Amino benzene	62-53-3	Liquid	imm					
Ammonium hydroxide (28% - 30%)	1336-21-6	Liquid	>480					
Amyl acetate, n-	628-63-7	Liquid	imm					
Amyl alcohol	71-41-0	Liquid	>480					
Amyl ester acetic acid	628-63-7	Liquid	imm					
Aniline	62-53-3	Liquid	imm					
Benzaldehyde	100-52-7	Liquid	imm		F	NR	NR	NR
Benzenamine	62-53-3	Liquid	imm					
Benzene	71-43-2	Liquid	imm					
Bromoform	75-25-2	Liquid	imm		NR	NR	NR	NR
Butanone	78-93-3	Liquid	imm					
Butyl acetate, n-	123-86-4	Liquid	imm					
Carbon tetrachloride	56-23-5	Liquid	125					
Caustic ammonia (28% - 30%)	1336-21-6	Liquid	>480					
Caustic soda (50%)	1310-73-2	Liquid	>480					
Chlorine (gaseous)	7782-50-5	Vapor	>480					
Chloro benzene	108-90-7	Liquid	imm					
Chloro form	67-66-3	Liquid	imm					
Cyanoethylene	107-13-1	Liquid	imm					
Cyanomethane	75-05-8	Liquid	imm					
Cyclo hexane	110-82-7	Liquid	361					
Cyclo hexanone	108-94-1	Liquid	47					
Dichlorethane, 1.2.-	107-06-2	Liquid	imm					

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					5 Min	30 Min	60 Min	240 Min
Dichloro methane	75-09-2	Liquid	imm					
Diethyl amine	109-89-7	Liquid	imm					
Dimethyl acetamide, N,N-	127-19-5	Liquid	imm					
Dimethyl formamide, N,N-	68-12-2	Liquid	imm					
Dimethyl ketal	67-64-1	Liquid	imm					
Dimethyl ketone	67-64-1	Liquid	imm					
Ethane nitrile	75-05-8	Liquid	imm					
Ethyl acetate	141-78-6	Liquid	imm					
Ethyl ethanamine, N-	109-89-7	Liquid	imm					
Ethyl nitrile	75-05-8	Liquid	imm					
Ethylene dichloride	107-06-2	Liquid	imm					
Ethylene tetrachloride	127-18-4	Liquid	78					
Heptane	142-82-5	Liquid	>480					
Hexane, n-	110-54-3	Liquid	>480					
Hexanone	108-94-1	Liquid	47					
Hydrochloric acid (37%)	7647-01-0	Liquid	300					
Hydrofluoric acid (48-51%)	7664-39-3	Liquid	105					
Isopropanol	67-63-0	Liquid	>480					
Isopropyl alcohol	67-63-0	Liquid	>480					
Kerosene	8008-20-6	Liquid	>480					
Ketone propane	67-64-1	Liquid	imm					
MEK	78-93-3	Liquid	imm					
Methanol	67-56-1	Liquid	45					
Methoxy 2-methylpropane, 2-	1634-04-4	Liquid	60					
Methyl 2-pyrrolidon, N-	872-50-4	Liquid	136					
Methyl Acetate	79-20-9	Liquid	imm		G	P	P	NR
Methyl acetyl	67-64-1	Liquid	imm					
Methyl benzol	108-88-3	Liquid	imm					
Methyl cyanide	75-05-8	Liquid	imm					
Methyl ethyl ketone	78-93-3	Liquid	imm					

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Methyl ketone	67-64-1	Liquid	imm					
Methyl tert-butyl ether	1634-04-4	Liquid	60					
Methylene chloride	75-09-2	Liquid	imm					
Mineral spirit	64475-85-0	Liquid	>480					
Nitric acid (70%)	7697-37-2	Liquid	90					
Nitro benzene	98-95-3	Liquid	imm					
Pentanol, 1-	71-41-0	Liquid	>480					
Pentyl acetate	628-63-7	Liquid	imm					
Phenyl amine	62-53-3	Liquid	imm					
Phenyl chloride	108-90-7	Liquid	imm					
Phosphoric acid (85%)	7664-38-2	Liquid	>480					
Pimelic ketone	108-94-1	Liquid	47					
Propan -1-ol	71-23-8	Liquid	>480		E	E	E	E
Propan -2-ol	67-63-0	Liquid	>480					
Propan -2-one	67-64-1	Liquid	imm					
Propanol, 1-	71-23-8	Liquid	>480		E	E	E	E
Propanol, n-	71-23-8	Liquid	>480		E	E	E	E
Propenenitrile, 2-	107-13-1	Liquid	imm					
Propenoic acid nitrile	107-13-1	Liquid	imm					
Propyl Acetate	109-60-4	Liquid	18		F	P	NR	NR
Propyl alcohol	71-23-8	Liquid	>480		E	E	E	E
Pyroacetic ether	67-64-1	Liquid	imm					
Sodium hydroxide (50%)	1310-73-2	Liquid	>480					
Sulfuric acid (>95%)	7664-93-9	Liquid	180					
Tetrachloro ethylene, 1,1,2,2-	127-18-4	Liquid	78					
Tetrachloro methane	56-23-5	Liquid	125					
Tetrahydrofuran	109-99-9	Liquid	imm					
Toluene	108-88-3	Liquid	imm					
Trichloro methane	67-66-3	Liquid	imm					
Vinyl cyanide	107-13-1	Liquid	imm					

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Xylene, mixed isomers	1330-20-7	Liquid	26					

BT0.1 Normalized breakthrough time at 0.1 µg/cm²/min [mins] CAS Chemical abstracts service registry number min
Minute > Larger than < Smaller than imm Immediate (< 10 min) nm Not tested sat Saturated solution N/A Not
Applicable na Not attained GPR grade General purpose reagent grade * Based on lowest single value 8 Actual

breakthrough time; normalized breakthrough time is not available DOT5 Degradation after 5 min DOT30 Degradation after 30 min DOT60 Degradation after 60 min DOT240 Degradation after 240 min BT1383 Normalized breakthrough time at 0.1 $\mu\text{g}/\text{cm}^2/\text{min}$ [mins] acc. ASTM F1383

Important Note.