



NP530

DUPONT™ TYCHEM® NP530

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

Name	Description
Length	12 in (305 mm)
Thickness	26 mil
Liner	Cotton Flock
Coating	Neoprene Over Natural Rubber
Cuff Style	Gauntlet
Color/Grip	Black/Blue Embossed
Packaging	12 pairs per bag/12 bags per box: 144 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.

- Comfortable, flexible and tactile sensitive
- Embossed grip encourages runoff of fluid
- Cotton flock lining enhances comfort
- Wear indicator over-dip
- Unsupported
- Neoprene over natural rubber construction
- Complies with FDA food handling requirements (21CFR 177.2600)

AVAILABLE OPTIONS

Sizes	Full Part Number
7	NP5300BK070288CF
8	NP5300BK080288CF
9	NP5300BK090288CF
10	NP5300BK100288CF

TYPICAL INDUSTRIES

- Aerospace
- Automotive.
- Chemical
- Manufacturing

APPLICATIONS

- Assembly
- Battery Manufacturing
- Chemical Processing
- Pesticide Maintenance
- Painting Maintenance

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 allergens: carbamate and natural rubber latex
- 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
1,3-Propanediamine, N,N'-Dimethyl	109-55-7	Liquid	60		NT	NT	NT	NT
2-(2-Butoxyethoxy) ethanol	112-34-5	Liquid	99					
3-Dimethylaminopropylamine	100-52-7	Liquid	imm		G	P	P	NR
Acetaldehyde	75-07-0	Liquid	imm					
Acetic acid (84%)	64-19-7	Liquid	>480					
Acetic acid ethenyl ester	108-05-4	Liquid	imm					
Acetic acid ethyl ester	141-78-6	Liquid	imm					
Acetic acid pentyl ester	628-63-7	Liquid	imm					
Acetone	67-64-1	Liquid	13					
Acetonitrile	75-05-8	Liquid	imm					
Acetoxyacetyl Chloride	13831-31-7	Liquid	120		E	E	E	G
Acrylamide (50%)	79-06-1	Liquid	>480					
Acrylic acid n-butyl ester	141-32-2	Liquid	20					
Acrylicamide (50%)	79-06-1	Liquid	>480					
Acrylonitrile	107-13-1	Liquid	imm					
Allyl alcohol	107-18-6	Liquid	49					
Amino benzene	62-53-3	Liquid	imm					
Amino ethanol, 2-	141-43-5	Liquid	>480					
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					
Aqua regia	8007-56-5	Liquid	>480		E	E	E	E
Benzaldehyde	100-52-7	Liquid	imm		G	P	P	NR
Benzenamine	62-53-3	Liquid	imm					
Benzene	71-43-2	Liquid	imm					
Benzene, Dichloro-4-Trifluoro	328-84-7	Liquid	35		G	F	P	NR
Benzyl alcohol	100-51-6	Liquid	imm					
Bromoethyl Acetate, 2-	927-68-4	Liquid	31		NT	NT	NT	NT

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
Bromoform	75-25-2	Liquid	imm		P	NR	NR	NR
Butanol, 1-	71-36-3	Liquid	125					
Butanol, n-	71-36-3	Liquid	125					
Butanone	78-93-3	Liquid	11					
Butanone oxime, 2-	96-29-7	Liquid	>480					
Butoxy ethanol, 2-	111-76-2	Liquid	>480					
Butoxytriglycol	143-22-6	Liquid	>480		E	E	E	E
Butyl Dipropasol Solvent	29911-28-2	Liquid	>480		E	E	E	E
Butyl acetate, n-	123-86-4	Liquid	imm					
Butyl acrylate, n-	141-32-2	Liquid	20					
Butyl alcohol, n-	71-36-3	Liquid	125					
Butyl amine	109-73-9	Liquid	imm					
Carbon tetrachloride	56-23-5	Liquid	imm					
Caustic ammonia (28% - 30%)	1336-21-6	Liquid	>480					
Caustic soda (50%)	1310-73-2	Liquid	>480					
Chloro 2,3-epoxy propane, 1-	106-89-8	Liquid	21					
Chloro benzene	108-90-7	Liquid	imm					
Chloro benzotrifluoride, 4-	98-56-6	Liquid	25					
Chloro form	67-66-3	Liquid	imm					
Citric acid (30%)	77-92-9	Liquid	>480					
Citrus Terpenes Mixture	68956-56-9	Liquid	81		E	G	G	G
Cresols, mixed isomers	1319-77-3	Liquid	>480					
Cresylic acid	1319-77-3	Liquid	>480					
Cumene	98-82-8	Liquid	17		P	NR	NR	NR
Cyanoethylene	107-13-1	Liquid	imm					
Cyanomethane	75-05-8	Liquid	imm					
Cyclo hexane	110-82-7	Liquid	25					
Cyclo hexanone	108-94-1	Liquid	imm					
Cyclohexanol	108-93-0	Liquid	>480		E	E	E	E
Di Isobutyl Ketone	108-83-8	Liquid	122		E	E	E	E

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
Diacetone Alcohol	123-42-2	Liquid	88		E	E	E	E
Diaminoethane, 1,2-	107-15-3	Liquid	>480					
Dibutyl 1,2-benzenedicarboxylate	84-74-2	Liquid	>480		E	E	E	G
Dibutyl phthalate	84-74-2	Liquid	>480		E	E	E	G
Dichlorobenzen, 1,2-	95-50-1	Liquid	imm					
Dichlorethane, 1.2.-	107-06-2	Liquid	imm					
Dichloro ethylene, 1,1-	75-35-4	Liquid	imm					
Dichloro methane	75-09-2	Liquid	imm					
Diethanolamine	111-42-2	Liquid	>480					
Diethyl amine	109-89-7	Liquid	imm					
Diethyl ether	60-29-7	Liquid	imm					
Diethylene Glycol	111-46-6	Liquid	>480		E	E	E	E
Diethylene Glycol Monomethyl Ether	111-77-3	Liquid	>480		E	E	E	E
Diethylene Glycol Monopropyl Ether	6881-94-3	Liquid	>480		E	E	E	E
Diethylene glycol monobutyl ether	112-34-5	Liquid	99					
Diethylene imide oxide	110-91-8	Liquid	50					
Dimethyl acetamide, N,N-	127-19-5	Liquid	>480					
Dimethyl formamide, N,N-	68-12-2	Liquid	>480					
Dimethyl hydrazine, N,N-	57-14-7	Liquid	15					
Dimethyl ketal	67-64-1	Liquid	13					
Dimethyl ketone	67-64-1	Liquid	13					
Dimethyl sulfate	77-78-1	Liquid	>480					
Dimethyl sulfoxide	67-68-5	Liquid	>480					
Dimethyl-4-Heptanone, 2,6-	108-83-8	Liquid	122		E	E	E	E
Divinyl Benzene	1321-74-0	Liquid	imm		F	NR	NR	NR
Dowtherm, Biphenyl (27%)	92-52-4	Liquid	imm		G	F	P	NR
Epichlorohydrin	106-89-8	Liquid	21					
Epoxy propane, 1,2-	75-56-9	Liquid	imm					
Ethane 1,2-diol	107-21-1	Liquid	>480					
Ethane nitrile	75-05-8	Liquid	imm					

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
Ethanol	64-17-5	Liquid	79					
Ethanol amine	141-43-5	Liquid	>480					
Ethoxytriglycol	112-50-5	Liquid	>480		E	E	E	E
Ethyl Butanol	97-95-0	Liquid	>480		E	E	E	E
Ethyl acetate	141-78-6	Liquid	imm					
Ethyl alcohol	64-17-5	Liquid	79					
Ethyl benzene	100-41-4	Liquid	imm					
Ethyl ethanamine, N-	109-89-7	Liquid	imm					
Ethyl ether	60-29-7	Liquid	imm					
Ethyl nitrile	75-05-8	Liquid	imm					
Ethylene Glycol Monohexyl Ether	112-25-4	Liquid	>480		E	E	E	E
Ethylene diamine	107-15-3	Liquid	>480					
Ethylene dichloride	107-06-2	Liquid	imm					
Ethylene glycol	107-21-1	Liquid	>480					
Ethylene glycol monobutyl ether	111-76-2	Liquid	>480					
Ethylene tetrachloride	127-18-4	Liquid	imm					
Ethylene trichloride	79-01-6	Liquid	imm					
Fluoroboric acid (48-50%)	16872-11-0	Liquid	>480					
Formalin (37% (10-15% Methanol))	50-00-0	Liquid	>480					
Formic acid (90%)	64-18-6	Liquid	>480					
Furaldehyde, 2-	98-01-1	Liquid	>480					
Furfural	98-01-1	Liquid	>480					
Glutaral (50%)	111-30-8	Liquid	>480					
Glutaraldehyde (50%)	111-30-8	Liquid	>480					
Glycol alcohol	107-21-1	Liquid	>480					
Heptane	142-82-5	Liquid	34					
Hexalin	108-93-0	Liquid	>480		E	E	E	E
Hexane, n-	110-54-3	Liquid	24					
Hexanone	108-94-1	Liquid	imm					
Hexene	592-41-6	Liquid	15		E	G	G	G

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
Hexone	108-10-1	Liquid	imm					
Hexyl Carbitol Solvent	112-59-4	Liquid	>480		E	E	E	G
Hydrazine (85%)	302-01-2	Liquid	>480					
Hydrochloric acid (10%)	7647-01-0	Liquid	>480					
Hydrochloric acid (37%)	7647-01-0	Liquid	>480					
Hydrofluoric acid (48-51%)	7664-39-3	Liquid	150					
Hydrogen chloride (gaseous)	7647-01-0	Vapor	>480					
Hydrogen peroxide (30%)	7722-84-1	Liquid	>480					
Hydroxy 1,2,3-propanetricarboxylic acid, 2-(30%)	77-92-9	Liquid	>480					
Hydroxy propene	107-18-6	Liquid	49					
Hydroxy toluene	100-51-6	Liquid	imm					
Iodomethane	74-88-4	Liquid	imm					
Iso Amyl Acetate	123-92-2	Liquid	imm		G	P	NR	NR
Isoamyl alcohol	123-51-3	Liquid	120					
Isobutanol	78-83-1	Liquid	117		E	E	E	E
Isobutyl methyl ketone	108-10-1	Liquid	imm					
Isopropanol	67-63-0	Liquid	111					
Isopropyl Acetate	108-21-4	Liquid	15		F	P	P	P
Isopropyl alcohol	67-63-0	Liquid	111					
Isopropyl benzene	98-82-8	Liquid	17		P	NR	NR	NR
Kerosene	8008-20-6	Liquid	87					
Ketone propane	67-64-1	Liquid	13					
Lactic Acid (85%)	50-21-5	Liquid	>480		E	E	E	E
Limonene d-	5989-27-5	Liquid	imm					
Low boiling point naphtha - unspecified	8052-41-3	Liquid	111					
MEK	78-93-3	Liquid	11					
Methanol	67-56-1	Liquid	34					
Methoxy 2-methylpropane, 2-	1634-04-4	Liquid	imm					
Methoxytriglycol	112-35-6	Liquid	>480		E	E	E	E
Methyl 2-methyl-2-propenoate	80-62-6	Liquid	imm					

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
Methyl 2-pyrrolidon, N-	872-50-4	Liquid	>480					
Methyl 4-isopropenyl-1-cyclohexene, 1-	5989-27-5	Liquid	imm					
Methyl Acetate	79-20-9	Liquid	imm		G	G	G	G
Methyl Isobutyl Ketoxime	105-44-2	Liquid	>480		NT	NT	NT	NT
Methyl Phenyl Ketone	98-86-2	Liquid	imm		G	P	NR	NR
Methyl Propyl Ketone	107-87-9	Liquid	12		F	P	P	P
Methyl acetyl	67-64-1	Liquid	13					
Methyl amine (40%)	74-89-5	Liquid	>480					
Methyl aniline, o-	95-53-4	Liquid	>480					
Methyl benzol	108-88-3	Liquid	imm					
Methyl butan-1-ol, 3-	123-51-3	Liquid	120					
Methyl chloroform	71-55-6	Liquid	imm					
Methyl cyanide	75-05-8	Liquid	imm					
Methyl ethyl ketone	78-93-3	Liquid	11					
Methyl ethyl ketoxime	96-29-7	Liquid	>480					
Methyl iodide	74-88-4	Liquid	imm					
Methyl ketone	67-64-1	Liquid	13					
Methyl methacrylate	80-62-6	Liquid	imm					
Methyl pentan-2-one, 4-	108-10-1	Liquid	imm					
Methyl phenols	1319-77-3	Liquid	>480					
Methyl tert-butyl ether	1634-04-4	Liquid	imm					
Methyl trichloromethane	71-55-6	Liquid	imm					
Methylene chloride	75-09-2	Liquid	imm					
Mineral spirit	64475-85-0	Liquid	88					
Morpholine	110-91-8	Liquid	50					
Naphtha	8032-32-4	Liquid	20		E	E	E	G
Nitric acid (23%)	7697-37-2	Liquid	>480					
Nitric acid (70%)	7697-37-2	Liquid	>480					
Nitric/Hydrofluoric Pickling Solution (50%)	97697-37-4	Liquid	>480		E	E	E	E
Nitro benzene	98-95-3	Liquid	imm					

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
Nitro methane	75-52-5	Liquid	29					
Nitro propane, 2-	79-46-9	Liquid	27					
Nitrohydrochloric Acid	8007-56-5	Liquid	>480		E	E	E	E
Octanol, n-	111-87-5	Liquid	>480		E	E	E	E
Oleic Acid	112-80-1	Liquid	>480		E	E	E	E
P-Tert Butyl Toluene	98-51-1	Liquid	imm		G	F	P	NR
Pentane	109-66-0	Liquid	imm		E	E	E	E
Pentanedial, 1,5- (50%)	111-30-8	Liquid	>480					
Pentanol, 1-	71-41-0	Liquid	>480					
Pentyl acetate	628-63-7	Liquid	imm					
Phenethylene	100-42-5	Liquid	imm					
Phenol (89%)	108-95-2	Liquid	19		NT	NT	NT	NT
Phenyl amine	62-53-3	Liquid	imm					
Phenyl chloride	108-90-7	Liquid	imm					
Phenyl ethane	100-41-4	Liquid	imm					
Phenyl propane, 2-	98-82-8	Liquid	17		P	NR	NR	NR
Phosphoric acid (85%)	7664-38-2	Liquid	>480					
Pimelic ketone	108-94-1	Liquid	imm					
Potassium hydroxide (45%)	1310-58-3	Liquid	>480					
Propan -1-ol	71-23-8	Liquid	111		E	E	E	E
Propan -2-ol	67-63-0	Liquid	111					
Propan -2-one	67-64-1	Liquid	13					
Propanol, 1-	71-23-8	Liquid	111		E	E	E	E
Propanol, n-	71-23-8	Liquid	111		E	E	E	E
Propen 1-ol, 2-	107-18-6	Liquid	49					
Propenamide (50%)	79-06-1	Liquid	>480					
Propenenitrile, 2-	107-13-1	Liquid	imm					
Propenoic acid butyl ester, 2-	141-32-2	Liquid	20					
Propenoic acid nitrile	107-13-1	Liquid	imm					
Propoxypropanol	1569-01-3	Liquid	>480		E	E	E	E

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
Propyl Acetate	109-60-4	Liquid	imm		G	F	P	P
Propyl Cellosolve, n-	2807-30-9	Liquid	>480		E	E	E	E
Propyl alcohol	71-23-8	Liquid	111		E	E	E	E
Propylene Glycol	57-55-6	Liquid	>480		E	E	E	E
Propylene oxide, 1,2-	75-56-9	Liquid	imm					
Pyroacetic ether	67-64-1	Liquid	13					
Refrigerant 141B	1717-00-6	Liquid	imm		G	P	P	NR
Safrotin	31218-83-4	Liquid	>480		E	E	E	E
Skydrol 500 B-4	126-73-8	Liquid	>480		F	NR	NR	NR
Sodium hydroxide (50%)	1310-73-2	Liquid	>480					
Sodium hypochlorite (4-6%)	7681-52-9	Liquid	>480					
Spiritus	64-17-5	Liquid	79					
Stoddard solvent	8052-41-3	Liquid	111					
Styrene	100-42-5	Liquid	imm					
Sulfuric acid (47%)	7664-93-9	Liquid	>480					
Sulfuric acid (>95%)	7664-93-9	Liquid	>480					
Sulfuric acid dimethyl ester	77-78-1	Liquid	>480					
Tetrachloro ethylene, 1,1,2,2-	127-18-4	Liquid	imm					
Tetrachloro methane	56-23-5	Liquid	imm					
Tetrahydrofuran	109-99-9	Liquid	imm					
Toluene	108-88-3	Liquid	imm					
Toluidine, o-	95-53-4	Liquid	>480					
Trichloro 1,2,2-trifluoroethane, 1,1,2-	76-13-1	Liquid	70					
Trichloro benzene, 1,2,4-	120-82-1	Liquid	imm					
Trichloro ethane, 1,1,1-	71-55-6	Liquid	imm					
Trichloro ethylene	79-01-6	Liquid	imm					
Trichloro methane	67-66-3	Liquid	imm					
Triethanolamine	102-71-6	Liquid	>480		E	E	E	E
Trifluoromethylbenzene	98-08-8	Liquid	24		E	P	NR	NR
Turpentine	8006-64-2	Liquid	43		NT	NT	NT	NT

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
Urethane Catalyst Alkanol	83016-70-0	Liquid	105		NT	NT	NT	NT
Vinyl Pyrrolidinone	88-12-0	Liquid	142		NT	NT	NT	NT
Vinyl acetate	108-05-4	Liquid	imm					
Vinyl benzol	100-42-5	Liquid	imm					
Vinyl carbinol	107-18-6	Liquid	49					
Vinyl cyanide	107-13-1	Liquid	imm					
Vinylidene chloride	75-35-4	Liquid	imm					
Xylene, mixed isomers	1330-20-7	Liquid	imm					

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.