



NP530 BK CF

DUPONT™ Tychem® NP530

Effective August 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 (0.66 mm)
Liner	Cotton Flock
Coating	Neoprene Over Natural Rubber
Cuff Style	Gauntlet / Anatomical shape
Color/Grip	Black
Packaging	12 pairs per bag/12 bags per box: 144 total pairs

FEATURES & PRODUCT DETAILS

Tychem NP530 is a comfortable, flexible solution that does not impede the wearer's sense of touch. The embossed grip encourages
• **CE CAT II, EN ISO 3745:2016 TYPE A, K, M, N**
• **EN388: 2016 2021X - EN ISO 374-5:2016**

- Food contact compatible
- Wear indicator over dip (Under blue colour spotted when the coating is damaged)
- Protects the hand from a wide range of chemicals
- Flexible & absorb perspiration
- Impermeable for working in damp or greasy environments
- Special embossed finish provides good grip
- Without special treatment

TYPICAL INDUSTRIES

- Automotive
- Chemical
- Manufacturing

APPLICATIONS

- Acid Components
- Assembly
- Battery Manufacturing
- Chemical Handling (mixing/loading)
- Pesticides (134)

AVAILABLE OPTIONS

Product Name	Sizes	Full Part Number	Article Number
Tychem® NP530	7	NP5300BK070288CF	D15536324
Tychem® NP530	8	NP5300BK080288CF	D15536325
Tychem® NP530	9	NP5300BK090288CF	D15536326
Tychem® NP530	10	NP5300BK100288CF	D15536327

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

SIZES

Product Size	Article Number	Additional info
7	D15536324	
8	D15536325	
9	D15536326	
10	D15536327	

PERMEATION DATA



Permeation is the process by which a solid, liquid or gaseous chemical moves through a protective clothing fabric at a molecular level. Permeation data assist in the selection of the most appropriate protective garment for a particular application and in the estimation of how long it can be safely worn. Standardised test methods are used to determine the resistance of DuPont materials to permeation, the results of which can be selected according to a specific chemical, chemical class or fabric.

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
1,3-Propanediamine, N,N'-Dimethyl	Liquid	109-55-7	60		NT	NT	NT	NT
2-(2-Butoxyethoxy) ethanol	Liquid	112-34-5	99					
3-Dimethylaminopropylamine	Liquid	100-52-7	imm		G	P	P	NR
Acetaldehyde	Liquid	75-07-0	imm					
Acetic acid (84%)	Liquid	64-19-7	>480					
Acetic acid ethenyl ester	Liquid	108-05-4	imm					
Acetic acid ethyl ester	Liquid	141-78-6	imm					
Acetic acid pentyl ester	Liquid	628-63-7	imm					
Acetone	Liquid	67-64-1	13					
Acetonitrile	Liquid	75-05-8	imm					
Acetoxyacetyl Chloride	Liquid	13831-31-7	120		E	E	E	G
Acrylamide (50%)	Liquid	79-06-1	>480					
Acrylic acid n-butyl ester	Liquid	141-32-2	20					
Acrylicamide (50%)	Liquid	79-06-1	>480					
Acrylonitrile	Liquid	107-13-1	imm					
Allyl alcohol	Liquid	107-18-6	49					
Amino benzene	Liquid	62-53-3	imm					
Amino ethanol, 2-	Liquid	141-43-5	>480					
Ammonium hydroxide (28% - 30%)	Liquid	1336-21-6	>480					
Amyl acetate, n-	Liquid	628-63-7	imm					
Amyl alcohol	Liquid	71-41-0	>480					
Amyl ester acetic acid	Liquid	628-63-7	imm					
Aniline	Liquid	62-53-3	imm					
Aqua regia	Liquid	8007-56-5	>480		E	E	E	E
Benzaldehyde	Liquid	100-52-7	imm		G	P	P	NR
Benzenamine	Liquid	62-53-3	imm					
Benzene	Liquid	71-43-2	imm					
Benzene, Dichloro-4-Trifluoro	Liquid	328-84-7	35		G	F	P	NR
Benzyl alcohol	Liquid	100-51-6	imm					
Bromoethyl Acetate, 2-	Liquid	927-68-4	31		NT	NT	NT	NT

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Bromoform	Liquid	75-25-2	imm		P	NR	NR	NR
Butanol, 1-	Liquid	71-36-3	125					
Butanol, n-	Liquid	71-36-3	125					
Butanone	Liquid	78-93-3	11					
Butanone oxime, 2-	Liquid	96-29-7	>480					
Butoxy ethanol, 2-	Liquid	111-76-2	>480					
Butoxytriglycol	Liquid	143-22-6	>480		E	E	E	E
Butyl Dipropasol Solvent	Liquid	29911-28-2	>480		E	E	E	E
Butyl acetate, n-	Liquid	123-86-4	imm					
Butyl acrylate, n-	Liquid	141-32-2	20					
Butyl alcohol, n-	Liquid	71-36-3	125					
Butyl amine	Liquid	109-73-9	imm					
Carbon tetrachloride	Liquid	56-23-5	imm					
Caustic ammonia (28% - 30%)	Liquid	1336-21-6	>480					
Caustic soda (50%)	Liquid	1310-73-2	>480					
Chloro 2,3-epoxy propane, 1-	Liquid	106-89-8	21					
Chloro benzene	Liquid	108-90-7	imm					
Chloro benzotrifluoride, 4-	Liquid	98-56-6	25					
Chloro form	Liquid	67-66-3	imm					
Citric acid (30%)	Liquid	77-92-9	>480					
Citrus Terpenes Mixture	Liquid	68956-56-9	81		E	G	G	G
Cresols, mixed isomers	Liquid	1319-77-3	>480					
Cresylic acid	Liquid	1319-77-3	>480					
Cumene	Liquid	98-82-8	17		P	NR	NR	NR
Cyanoethylene	Liquid	107-13-1	imm					
Cyanomethane	Liquid	75-05-8	imm					
Cyclo hexane	Liquid	110-82-7	25					
Cyclo hexanone	Liquid	108-94-1	imm					
Cyclohexanol	Liquid	108-93-0	>480		E	E	E	E
Di Isobutyl Ketone	Liquid	108-83-8	122		E	E	E	E

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Diacetone Alcohol	Liquid	123-42-2	88		E	E	E	E
Diaminoethane, 1,2-	Liquid	107-15-3	>480					
Dibutyl 1,2-benzenedicarboxylate	Liquid	84-74-2	>480		E	E	E	G
Dibutyl phthalate	Liquid	84-74-2	>480		E	E	E	G
Dichlorbenzen, 1,2-	Liquid	95-50-1	imm					
Dichlorethane, 1.2.-	Liquid	107-06-2	imm					
Dichloro ethylene, 1,1-	Liquid	75-35-4	imm					
Dichloro methane	Liquid	75-09-2	imm					
Diethanolamine	Liquid	111-42-2	>480					
Diethyl amine	Liquid	109-89-7	imm					
Diethyl ether	Liquid	60-29-7	imm					
Diethylene Glycol	Liquid	111-46-6	>480		E	E	E	E
Diethylene Glycol Monomethyl Ether	Liquid	111-77-3	>480		E	E	E	E
Diethylene Glycol Monopropyl Ether	Liquid	6881-94-3	>480		E	E	E	E
Diethylene glycol monobutyl ether	Liquid	112-34-5	99					
Diethylene imide oxide	Liquid	110-91-8	50					
Dimethyl acetamide, N,N-	Liquid	127-19-5	>480					
Dimethyl formamide, N,N-	Liquid	68-12-2	>480					
Dimethyl hydrazine, N,N-	Liquid	57-14-7	15					
Dimethyl ketal	Liquid	67-64-1	13					
Dimethyl ketone	Liquid	67-64-1	13					
Dimethyl sulfate	Liquid	77-78-1	>480					
Dimethyl sulfoxide	Liquid	67-68-5	>480					
Dimethyl-4-Heptanone, 2,6-	Liquid	108-83-8	122		E	E	E	E
Divinyl Benzene	Liquid	1321-74-0	imm		F	NR	NR	NR
Dowtherm, Biphenyl (27%)	Liquid	92-52-4	imm		G	F	P	NR
Epichlorohydrin	Liquid	106-89-8	21					
Epoxy propane, 1,2-	Liquid	75-56-9	imm					
Ethane 1,2-diol	Liquid	107-21-1	>480					
Ethane nitrile	Liquid	75-05-8	imm					

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Ethanol	Liquid	64-17-5	79					
Ethanol amine	Liquid	141-43-5	>480					
Ethoxytriglycol	Liquid	112-50-5	>480		E	E	E	E
Ethyl Butanol	Liquid	97-95-0	>480		E	E	E	E
Ethyl acetate	Liquid	141-78-6	imm					
Ethyl alcohol	Liquid	64-17-5	79					
Ethyl benzene	Liquid	100-41-4	imm					
Ethyl ethanamine, N-	Liquid	109-89-7	imm					
Ethyl ether	Liquid	60-29-7	imm					
Ethyl nitrile	Liquid	75-05-8	imm					
Ethylene Glycol Monohexyl Ether	Liquid	112-25-4	>480		E	E	E	E
Ethylene diamine	Liquid	107-15-3	>480					
Ethylene dichloride	Liquid	107-06-2	imm					
Ethylene glycol	Liquid	107-21-1	>480					
Ethylene glycol monobutyl ether	Liquid	111-76-2	>480					
Ethylene tetrachloride	Liquid	127-18-4	imm					
Ethylene trichloride	Liquid	79-01-6	imm					
Fluoroboric acid (48-50%)	Liquid	16872-11-0	>480					
Formalin (37% (10-15% Methanol))	Liquid	50-00-0	>480					
Formic acid (90%)	Liquid	64-18-6	>480					
Furaldehyde, 2-	Liquid	98-01-1	>480					
Furfural	Liquid	98-01-1	>480					
Glutaral (50%)	Liquid	111-30-8	>480					
Glutaraldehyde (50%)	Liquid	111-30-8	>480					
Glycol alcohol	Liquid	107-21-1	>480					
Heptane	Liquid	142-82-5	34					
Hexalin	Liquid	108-93-0	>480		E	E	E	E
Hexane, n-	Liquid	110-54-3	24					
Hexanone	Liquid	108-94-1	imm					
Hexene	Liquid	592-41-6	15		E	G	G	G

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Hexone	Liquid	108-10-1	imm					
Hexyl Carbitol Solvent	Liquid	112-59-4	>480		E	E	E	G
Hydrazine (85%)	Liquid	302-01-2	>480					
Hydrochloric acid (10%)	Liquid	7647-01-0	>480					
Hydrochloric acid (37%)	Liquid	7647-01-0	>480					
Hydrofluoric acid (48-51%)	Liquid	7664-39-3	150					
Hydrogen chloride (gaseous)	Vapor	7647-01-0	>480					
Hydrogen peroxide (30%)	Liquid	7722-84-1	>480					
Hydroxy 1,2,3-propanetricarboxylic acid, 2-(30%)	Liquid	77-92-9	>480					
Hydroxy propene	Liquid	107-18-6	49					
Hydroxy toluene	Liquid	100-51-6	imm					
Iodomethane	Liquid	74-88-4	imm					
Iso Amyl Acetate	Liquid	123-92-2	imm		G	P	NR	NR
Isoamyl alcohol	Liquid	123-51-3	120					
Isobutanol	Liquid	78-83-1	117		E	E	E	E
Isobutyl methyl ketone	Liquid	108-10-1	imm					
Isopropanol	Liquid	67-63-0	111					
Isopropyl Acetate	Liquid	108-21-4	15		F	P	P	P
Isopropyl alcohol	Liquid	67-63-0	111					
Isopropyl benzene	Liquid	98-82-8	17		P	NR	NR	NR
Kerosene	Liquid	8008-20-6	87					
Ketone propane	Liquid	67-64-1	13					
Lactic Acid (85%)	Liquid	50-21-5	>480		E	E	E	E
Limonene d-	Liquid	5989-27-5	imm					
Low boiling point naphtha - unspecified	Liquid	8052-41-3	111					
MEK	Liquid	78-93-3	11					
Methanol	Liquid	67-56-1	34					
Methoxy 2-methylpropane, 2-	Liquid	1634-04-4	imm					
Methoxytriglycol	Liquid	112-35-6	>480		E	E	E	E
Methyl 2-methyl-2-propenoate	Liquid	80-62-6	imm					

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Methyl 2-pyrrolidon, N-	Liquid	872-50-4	>480					
Methyl 4-isopropenyl-1-cyclohexene, 1-	Liquid	5989-27-5	imm					
Methyl Acetate	Liquid	79-20-9	imm		G	G	G	G
Methyl Isobutyl Ketoxime	Liquid	105-44-2	>480		NT	NT	NT	NT
Methyl Phenyl Ketone	Liquid	98-86-2	imm		G	P	NR	NR
Methyl Propyl Ketone	Liquid	107-87-9	12		F	P	P	P
Methyl acetyl	Liquid	67-64-1	13					
Methyl amine (40%)	Liquid	74-89-5	>480					
Methyl aniline, o-	Liquid	95-53-4	>480					
Methyl benzol	Liquid	108-88-3	imm					
Methyl butan-1-ol, 3-	Liquid	123-51-3	120					
Methyl chloroform	Liquid	71-55-6	imm					
Methyl cyanide	Liquid	75-05-8	imm					
Methyl ethyl ketone	Liquid	78-93-3	11					
Methyl ethyl ketoxime	Liquid	96-29-7	>480					
Methyl iodide	Liquid	74-88-4	imm					
Methyl ketone	Liquid	67-64-1	13					
Methyl methacrylate	Liquid	80-62-6	imm					
Methyl pentan-2-one, 4-	Liquid	108-10-1	imm					
Methyl phenols	Liquid	1319-77-3	>480					
Methyl tert-butyl ether	Liquid	1634-04-4	imm					
Methyl trichloromethane	Liquid	71-55-6	imm					
Methylene chloride	Liquid	75-09-2	imm					
Mineral spirit	Liquid	64475-85-0	88					
Morpholine	Liquid	110-91-8	50					
Naphtha	Liquid	8032-32-4	20		E	E	E	G
Nitric acid (23%)	Liquid	7697-37-2	>480					
Nitric acid (70%)	Liquid	7697-37-2	>480					
Nitric/Hydrofluoric Pickling Solution (50%)	Liquid	97697-37-4	>480		E	E	E	E
Nitro benzene	Liquid	98-95-3	imm					

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Nitro methane	Liquid	75-52-5	29					
Nitro propane, 2-	Liquid	79-46-9	27					
Nitrohydrochloric Acid	Liquid	8007-56-5	>480		E	E	E	E
Octanol, n-	Liquid	111-87-5	>480		E	E	E	E
Oleic Acid	Liquid	112-80-1	>480		E	E	E	E
P-Tert Butyl Toluene	Liquid	98-51-1	imm		G	F	P	NR
Pentane	Liquid	109-66-0	imm		E	E	E	E
Pentanedial, 1,5- (50%)	Liquid	111-30-8	>480					
Pentanol, 1-	Liquid	71-41-0	>480					
Pentyl acetate	Liquid	628-63-7	imm					
Phenethylene	Liquid	100-42-5	imm					
Phenol (89%)	Liquid	108-95-2	19		NT	NT	NT	NT
Phenyl amine	Liquid	62-53-3	imm					
Phenyl chloride	Liquid	108-90-7	imm					
Phenyl ethane	Liquid	100-41-4	imm					
Phenyl propane, 2-	Liquid	98-82-8	17		P	NR	NR	NR
Phosphoric acid (85%)	Liquid	7664-38-2	>480					
Pimelic ketone	Liquid	108-94-1	imm					
Potassium hydroxide (45%)	Liquid	1310-58-3	>480					
Propan -1-ol	Liquid	71-23-8	111		E	E	E	E
Propan -2-ol	Liquid	67-63-0	111					
Propan -2-one	Liquid	67-64-1	13					
Propanol, 1-	Liquid	71-23-8	111		E	E	E	E
Propanol, n-	Liquid	71-23-8	111		E	E	E	E
Propen 1-ol, 2-	Liquid	107-18-6	49					
Propenamide (50%)	Liquid	79-06-1	>480					
Propenenitrile, 2-	Liquid	107-13-1	imm					
Propenoic acid butyl ester, 2-	Liquid	141-32-2	20					
Propenoic acid nitrile	Liquid	107-13-1	imm					
Propoxypropanol	Liquid	1569-01-3	>480		E	E	E	E

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Propyl Acetate	Liquid	109-60-4	imm		G	F	P	P
Propyl Cellosolve, n-	Liquid	2807-30-9	>480		E	E	E	E
Propyl alcohol	Liquid	71-23-8	111		E	E	E	E
Propylene Glycol	Liquid	57-55-6	>480		E	E	E	E
Propylene oxide, 1,2-	Liquid	75-56-9	imm					
Pyroacetic ether	Liquid	67-64-1	13					
Refrigerant 141B	Liquid	1717-00-6	imm		G	P	P	NR
Safrotin	Liquid	31218-83-4	>480		E	E	E	E
Skydrol 500 B-4	Liquid	126-73-8	>480		F	NR	NR	NR
Sodium hydroxide (50%)	Liquid	1310-73-2	>480					
Sodium hypochlorite (4-6%)	Liquid	7681-52-9	>480					
Spiritus	Liquid	64-17-5	79					
Stoddard solvent	Liquid	8052-41-3	111					
Styrene	Liquid	100-42-5	imm					
Sulfuric acid (47%)	Liquid	7664-93-9	>480					
Sulfuric acid (>95%)	Liquid	7664-93-9	>480					
Sulfuric acid dimethyl ester	Liquid	77-78-1	>480					
Tetrachloro ethylene, 1,1,2,2-	Liquid	127-18-4	imm					
Tetrachloro methane	Liquid	56-23-5	imm					
Tetrahydrofuran	Liquid	109-99-9	imm					
Toluene	Liquid	108-88-3	imm					
Toluidine, o-	Liquid	95-53-4	>480					
Trichloro 1,2,2-trifluoroethane, 1,1,2-	Liquid	76-13-1	70					
Trichloro benzene, 1,2,4-	Liquid	120-82-1	imm					
Trichloro ethane, 1,1,1-	Liquid	71-55-6	imm					
Trichloro ethylene	Liquid	79-01-6	imm					
Trichloro methane	Liquid	67-66-3	imm					
Triethanolamine	Liquid	102-71-6	>480		E	E	E	E
Trifluoromethylbenzene	Liquid	98-08-8	24		E	P	NR	NR
Turpentine	Liquid	8006-64-2	43		NT	NT	NT	NT

Hazard / Chemical Name	Physical State	CAS	BT 0.1	ASTM F1383 Intermittent Contact NBTT .	Degradation Over Time			
					5 Min	30 Min	60 Min	240 Min
Urethane Catalyst Alkanol	Liquid	83016-70-0	105		NT	NT	NT	NT
Vinyl Pyrrolidinone	Liquid	88-12-0	142		NT	NT	NT	NT
Vinyl acetate	Liquid	108-05-4	imm					
Vinyl benzol	Liquid	100-42-5	imm					
Vinyl carbinol	Liquid	107-18-6	49					
Vinyl cyanide	Liquid	107-13-1	imm					
Vinylidene chloride	Liquid	75-35-4	imm					
Xylene, mixed isomers	Liquid	1330-20-7	imm					

BTAct (Actual) Breakthrough time at MDPR [mins] BT0.1 Normalized breakthrough time at 0.1 $\mu\text{g}/\text{cm}^2/\text{min}$ [mins] BT1.0
 Normalized breakthrough time at 1.0 $\mu\text{g}/\text{cm}^2/\text{min}$ [mins] EN Classification according to EN 14325 SSPR Steady state
 permeation rate [$\mu\text{g}/\text{cm}^2/\text{min}$] MDPR Minimum detectable permeation rate [$\mu\text{g}/\text{cm}^2/\text{min}$] CUM480 Cumulative
 permeation mass after 480 mins [$\mu\text{g}/\text{cm}^2$] Time150 Time to reach cumulative permeation mass of 150 $\mu\text{g}/\text{cm}^2$ [mins]
 ISO Classification according to ISO 16602 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 µg /cm²/min [mins] acc. ASTM F1383

Important Note.