



NP570CT BK EY

# DUPONT™ Tychem® NP570 CT

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

<b>Name</b>	<b>Description</b>
Length	14 in (356 mm)
Thickness	68 mil (1.73 mm) Nominal coating thickness: 30 mils(0,76 mm)
Liner	En13 gauge engineered HPPE liner
Coating	Fully coated flexible Neoprene
Cuff Style	Gauntlet / Anatomical shape
Color/Grip	Black
Packaging	12 pairs per bag/6 bags per box: 72 total pairs

## FEATURES & PRODUCT DETAILS

Combining an engineered yarn and a neoprene coating, Tychem NP570 provides EN level 5 cut protection, as well as first-class defense against acids, caustics, solvents, grease and oil. The 13-gauge seamless and cut-resistant engineered knit liner together with the flexible coating offers the optimum in comfort and endurance.

- EN388: 2016 3X43E; ANSI Cut Level A5 - EN ISO 374-5:2016
- Food contact compatible
- Level 5 cut resistance (EN388: 2016) thanks to a 13 gauge engineered HPPE liner
- Rough textured finish offers enhanced grip and good resistance to abrasion - Level 3 (EN388: 2003)
- Protects against a wide variety of chemicals including acids, caustics, solvents, grease and oil
- Flexible coating provides great comfort and dexterity

## TYPICAL INDUSTRIES

- Automotive
- Chemical
- Oil and Gas
- Offshore
- Petrochemicals
- Transport
- Metal industry

## APPLICATIONS

- Chemical Handling (mixing/loading)
- Handling Oily Components
- Metal manufacturing
- Recycling (155)
- Oil Refining

## AVAILABLE OPTIONS

Product Name	Sizes	Full Part Number	Article Number
Tychem® NP570CT	8	NP5700BK080144EY	D15536316
Tychem® NP570CT	9	NP5700BK090144EY	D15536317
Tychem® NP570CT	10	NP5700BK100144EY	D15536318
Tychem® NP570CT	11	NP5700BK110144EY	D15536319

## 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
- Gloves should not be used around heat, open flame, sparks or in potentially flammable environments

## SIZES

Product Size	Article Number	Additional info
8	D15536316	
9	D15536317	
10	D15536318	
11	D15536319	





## 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
2-(2-Butoxyethoxy) ethanol	Liquid	112-34-5	>480					
3-Dimethylaminopropylamine	Liquid	100-52-7	imm					
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	36					
Acetic acid pentyl ester	Liquid	628-63-7	63					
Acetone	Liquid	67-64-1	17					
Acetonitrile	Liquid	75-05-8	27					
Acetoxyacetyl Chloride	Liquid	13831-31-7	180					
Acrylamide (50%)	Liquid	79-06-1	>480					
Acrylic acid n-butyl ester	Liquid	141-32-2	16					
Acrylamide (50%)	Liquid	79-06-1	>480					
Acrylonitrile	Liquid	107-13-1	27					
Allyl alcohol	Liquid	107-18-6	204					
Amino benzene	Liquid	62-53-3	49					
Amino ethanol, 2-	Liquid	141-43-5	>480					
Ammonia (gaseous)	Vapor	7664-41-7	32					
Ammonium fluoride (40%)	Liquid	12125-01-8	>480					
Ammonium hydroxide (28% - 30%)	Liquid	1336-21-6	180					
Amyl acetate, n-	Liquid	628-63-7	63					
Amyl alcohol	Liquid	71-41-0	>480					
Amyl ester acetic acid	Liquid	628-63-7	63					
Aniline	Liquid	62-53-3	49					
Benzaldehyde	Liquid	100-52-7	imm					
Benzenamine	Liquid	62-53-3	49					
Benzene	Liquid	71-43-2	32					
Bromoform	Liquid	75-25-2	imm					
Butadiene, 1,3- (gaseous)	Vapor	106-99-0	41					
Butanol, 1-	Liquid	71-36-3	>480					

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
Butanol, n-	Liquid	71-36-3	>480					
Butanone	Liquid	78-93-3	22					
Butanone oxime, 2-	Liquid	96-29-7	>480					
Butoxy ethanol, 2-	Liquid	111-76-2	229					
Butoxytriglycol	Liquid	143-22-6	>480					
Butyl Cellosolve Acetate	Liquid	112-07-2	>480					
Butyl Dipropasol Solvent	Liquid	29911-28-2	>480					
Butyl acetate, n-	Liquid	123-86-4	imm					
Butyl acrylate, n-	Liquid	141-32-2	16					
Butyl alcohol, n-	Liquid	71-36-3	>480					
Butyl amine	Liquid	109-73-9	imm					
Carbon disulfide	Liquid	75-15-0	16					
Carbon tetrachloride	Liquid	56-23-5	28					
Caustic ammonia (28% - 30%)	Liquid	1336-21-6	180					
Caustic soda (50%)	Liquid	1310-73-2	>480					
Chlorine (gaseous)	Vapor	7782-50-5	>480					
Chloro 2,3-epoxy propane, 1-	Liquid	106-89-8	13					
Chloro benzene	Liquid	108-90-7	imm					
Chloro ethene	Vapor	75-01-4	17					
Chloro form	Liquid	67-66-3	imm					
Citric acid (30%)	Liquid	77-92-9	>480					
Citrus Terpenes Mixture	Liquid	68956-56-9	>480					
Cresols, mixed isomers	Liquid	1319-77-3	>480					
Cresylic acid	Liquid	1319-77-3	>480					
Cumene	Liquid	98-82-8	29					
Cyanoethylene	Liquid	107-13-1	27					
Cyanomethane	Liquid	75-05-8	27					
Cyclo hexane	Liquid	110-82-7	36					
Cyclo hexanone	Liquid	108-94-1	140					
Cyclohexanol	Liquid	108-93-0	>480					

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
Di Isobutyl Ketone	Liquid	108-83-8	99					
Diacetone Alcohol	Liquid	123-42-2	>480					
Diaminodiphenylmethane, 4,4'- (190 °C, liquid)	Liquid	101-77-9	>480					
Diaminoethane, 1,2-	Liquid	107-15-3	315					
Dibutyl 1,2-benzenedicarboxylate	Liquid	84-74-2	>480					
Dibutyl phthalate	Liquid	84-74-2	>480					
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	30					
Diethyl ether	Liquid	60-29-7	imm					
Diethylene Glycol	Liquid	111-46-6	>480					
Diethylene Glycol Monomethyl Ether	Liquid	111-77-3	>480					
Diethylene Glycol Monopropyl Ether	Liquid	6881-94-3	>480					
Diethylene glycol monobutyl ether	Liquid	112-34-5	>480					
Diethylene imide oxide	Liquid	110-91-8	139					
Dimethyl acetamide, N,N-	Liquid	127-19-5	20					
Dimethyl formamide, N,N-	Liquid	68-12-2	97					
Dimethyl ketal	Liquid	67-64-1	17					
Dimethyl ketone	Liquid	67-64-1	17					
Dimethyl sulfate	Liquid	77-78-1	15					
Dimethyl sulfoxide	Liquid	67-68-5	>480					
Dimethyl-4-Heptanone, 2,6-	Liquid	108-83-8	99					
Dipropylene Glycol Monopropyl Ether	Liquid	29911-27-1	>480					
Divinyl Benzene	Liquid	1321-74-0	imm					
Dowtherm, Biphenyl (27%)	Liquid	92-52-4	>480					
Epichlorohydrin	Liquid	106-89-8	13					
Epoxy ethane (gaseous)	Vapor	75-21-8	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
Epoxy propane, 1,2-	Liquid	75-56-9	imm					
Ethane 1,2-diol	Liquid	107-21-1	>480					
Ethane nitrile	Liquid	75-05-8	27					
Ethanol	Liquid	64-17-5	71					
Ethanol amine	Liquid	141-43-5	>480					
Ethoxytriglycol	Liquid	112-50-5	>480					
Ethyl Butanol	Liquid	97-95-0	>480					
Ethyl acetate	Liquid	141-78-6	36					
Ethyl alcohol	Liquid	64-17-5	71					
Ethyl benzene	Liquid	100-41-4	imm					
Ethyl ethanamine, N-	Liquid	109-89-7	30					
Ethyl ether	Liquid	60-29-7	imm					
Ethyl nitrile	Liquid	75-05-8	27					
Ethylene Glycol Monohexyl Ether	Liquid	112-25-4	283					
Ethylene diamine	Liquid	107-15-3	315					
Ethylene dichloride	Liquid	107-06-2	imm					
Ethylene glycol	Liquid	107-21-1	>480					
Ethylene glycol monobutyl ether	Liquid	111-76-2	229					
Ethylene oxide (gaseous)	Vapor	75-21-8	imm					
Ethylene tetrachloride	Liquid	127-18-4	14					
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	81					
Furfural	Liquid	98-01-1	81					
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	>480					

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
Hexalin	Liquid	108-93-0	>480					
Hexane, n-	Liquid	110-54-3	>480					
Hexanone	Liquid	108-94-1	140					
Hexene	Liquid	592-41-6	42					
Hexone	Liquid	108-10-1	14					
Hexyl Carbitol Solvent	Liquid	112-59-4	>480					
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	>480					
Hydrogen chloride (gaseous)	Vapor	7647-01-0	>480					
Hydrogen fluoride (20-27 °C, gaseous)	Vapor	7664-39-3	19					
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	204					
Iodomethane	Liquid	74-88-4	imm					
Iso Amyl Acetate	Liquid	123-92-2	imm					
Isoamyl alcohol	Liquid	123-51-3	>480					
Isobutanol	Liquid	78-83-1	>480					
Isobutyl methyl ketone	Liquid	108-10-1	14					
Isopropanol	Liquid	67-63-0	>480					
Isopropyl Acetate	Liquid	108-21-4	12					
Isopropyl alcohol	Liquid	67-63-0	>480					
Isopropyl benzene	Liquid	98-82-8	29					
Kerosene	Liquid	8008-20-6	261					
Ketone propane	Liquid	67-64-1	17					
Limonene d-	Liquid	5989-27-5	47					
Low boiling point naphtha - unspecified	Liquid	8052-41-3	>480					
MEK	Liquid	78-93-3	22					
Methacrylic acid	Liquid	79-41-4	378					

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
Methanol	Liquid	67-56-1	49					
Methoxy 2-methylpropane, 2-	Liquid	1634-04-4	16					
Methoxytriglycol	Liquid	112-35-6	>480					
Methyl 2-methyl-2-propenoate	Liquid	80-62-6	17					
Methyl 2-pyrrolidon, N-	Liquid	872-50-4	>480					
Methyl 4-isopropenyl-1-cyclohexene, 1-	Liquid	5989-27-5	47					
Methyl Acetate	Liquid	79-20-9	15					
Methyl Isobutyl Ketoxime	Liquid	105-44-2	>480					
Methyl Isopropyl Ketone	Liquid	563-80-4	imm					
Methyl Propyl Ketone	Liquid	107-87-9	11					
Methyl acetyl	Liquid	67-64-1	17					
Methyl amine (40%)	Liquid	74-89-5	26					
Methyl aniline, o-	Liquid	95-53-4	>480					
Methyl benzol	Liquid	108-88-3	36					
Methyl butan-1-ol, 3-	Liquid	123-51-3	>480					
Methyl chloride (gaseous)	Vapor	74-87-3	>480					
Methyl chloroform	Liquid	71-55-6	19					
Methyl cyanide	Liquid	75-05-8	27					
Methyl ethyl ketone	Liquid	78-93-3	22					
Methyl ethyl ketoxime	Liquid	96-29-7	>480					
Methyl iodide	Liquid	74-88-4	imm					
Methyl ketone	Liquid	67-64-1	17					
Methyl methacrylate	Liquid	80-62-6	17					
Methyl pentan-2-one, 4-	Liquid	108-10-1	14					
Methyl phenols	Liquid	1319-77-3	>480					
Methyl propenoic acid, 2-	Liquid	79-41-4	378					
Methyl tert-butyl ether	Liquid	1634-04-4	16					
Methyl trichloromethane	Liquid	71-55-6	19					
Methylene chloride	Liquid	75-09-2	imm					
Methylene dianiline (190 °C, liquid)	Liquid	101-77-9	>480					

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
Mineral oil	Liquid	8012-95-1	>480					
Mineral spirit	Liquid	64475-85-0	>480					
Morpholine	Liquid	110-91-8	139					
Naphtha	Liquid	8032-32-4	47					
Nitric acid (23%)	Liquid	7697-37-2	>480					
Nitric acid (70%)	Liquid	7697-37-2	>480					
Nitro benzene	Liquid	98-95-3	321					
Nitro methane	Liquid	75-52-5	205					
Nitro propane, 2-	Liquid	79-46-9	175					
Octanol, n-	Liquid	111-87-5	94					
Oleum (20% free SO3)	Liquid	8014-95-7	165					
P-Tert Butyl Toluene	Liquid	98-51-1	219					
Pentane	Liquid	109-66-0	>480					
Pentanedial, 1,5- (50%)	Liquid	111-30-8	>480					
Pentanol, 1-	Liquid	71-41-0	>480					
Pentyl acetate	Liquid	628-63-7	63					
Phenethylene	Liquid	100-42-5	imm					
Phenol (89%)	Liquid	108-95-2	396					
Phenyl amine	Liquid	62-53-3	49					
Phenyl chloride	Liquid	108-90-7	imm					
Phenyl ethane	Liquid	100-41-4	imm					
Phenyl propane, 2-	Liquid	98-82-8	29					
Phosphoric acid (85%)	Liquid	7664-38-2	>480					
Pimelic ketone	Liquid	108-94-1	140					
Potassium hydroxide (45%)	Liquid	1310-58-3	>480					
Propan -1-ol	Liquid	71-23-8	34					
Propan -2-ol	Liquid	67-63-0	>480					
Propan -2-one	Liquid	67-64-1	17					
Propanol, 1-	Liquid	71-23-8	34					
Propanol, n-	Liquid	71-23-8	34					

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
Propen 1-ol, 2-	Liquid	107-18-6	204					
Propenamide (50%)	Liquid	79-06-1	>480					
Propenenitrile, 2-	Liquid	107-13-1	27					
Propenoic acid butyl ester, 2-	Liquid	141-32-2	16					
Propenoic acid nitrile	Liquid	107-13-1	27					
Propoxypropanol	Liquid	1569-01-3	177					
Propyl Acetate	Liquid	109-60-4	43					
Propyl alcohol	Liquid	71-23-8	34					
Propylene Glycol	Liquid	57-55-6	>480					
Propylene oxide, 1,2-	Liquid	75-56-9	imm					
Pyroacetic ether	Liquid	67-64-1	17					
Refrigerant 141B	Liquid	1717-00-6	21					
Skydrol 500 B-4	Liquid	126-73-8	>480					
Sodium hydroxide (50%)	Liquid	1310-73-2	>480					
Sodium hypochlorite (4-6%)	Liquid	7681-52-9	>480					
Spiritus	Liquid	64-17-5	71					
Stoddard solvent	Liquid	8052-41-3	>480					
Styrene	Liquid	100-42-5	imm					
Sulfuric acid (47%)	Liquid	7664-93-9	>480					
Sulfuric acid (>95%)	Liquid	7664-93-9	225					
Sulfuric acid dimethyl ester	Liquid	77-78-1	15					
Sulfuric acid fuming (20% free SO3)	Liquid	8014-95-7	165					
Tetrachloro ethylene, 1,1,2,2-	Liquid	127-18-4	14					
Tetrachloro methane	Liquid	56-23-5	28					
Tetrahydrofuran	Liquid	109-99-9	20					
Tetramethyl ammonium hydroxide (25%)	Liquid	75-59-2	>480					
Toluene	Liquid	108-88-3	36					
Toluene diisocyanate, 2,4-	Liquid	584-84-9	177					
Toluidine, o-	Liquid	95-53-4	>480					
Trichloro 1,2,2-trifluoroethane, 1,1,2-	Liquid	76-13-1	115					



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
Trichloro benzene, 1,2,4-	Liquid	120-82-1	imm					
Trichloro ethane, 1,1,1-	Liquid	71-55-6	19					
Trichloro ethylene	Liquid	79-01-6	imm					
Trichloro methane	Liquid	67-66-3	imm					
Turpentine	Liquid	8006-64-2	95					
Vinyl acetate	Liquid	108-05-4	imm					
Vinyl benzol	Liquid	100-42-5	imm					
Vinyl carbinol	Liquid	107-18-6	204					
Vinyl chloride	Vapor	75-01-4	17					
Vinyl cyanide	Liquid	107-13-1	27					
Vinyl ethylene (gaseous)	Vapor	106-99-0	41					
Vinylidene chloride	Liquid	75-35-4	imm					
Xylene, mixed isomers	Liquid	1330-20-7	66					

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 /cm<sup>2</sup>/min [mins] acc. ASTM F1383

Important Note.