BT770

DUPONT™ TYCHEM® BT770

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

Name	Description
Length	14 in (350 mm)
Thickness	28 mil
Liner	Unlined
Coating	Butyl
Cuff Style	Rolled
Color/Grip	Black/Rough
Packaging	1 pair per bag/12 bags per box: 12 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.

- Provides resistance to many highly corrosive acids.
- Designed for handling ketones and esters
- Unsupported

AVAILABLE OPTIONS

Sizes	Full Part Number
8	BT7700BK080024UL
9	BT7700BK090024UL
10	BT7700BK100024UL
11	BT7700BK110024UL

TYPICAL INDUSTRIES

- Military and Law Enforcement
- Petrochemical

APPLICATIONS

- Chemical handling
- Splash and cleanup
- First responders

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
- 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
2-(2-Butoxyethoxy) ethanol	112-34-5	Liquid	>480					
Acetaldehyde	75-07-0	Liquid	>480					
Acetic acid (84%)	64-19-7	Liquid	>480					
Acetic acid ethenyl ester	108-05-4	Liquid	163					
Acetic acid ethyl ester	141-78-6	Liquid	212					
Acetic acid pentyl ester	628-63-7	Liquid	158					
Acetone	67-64-1	Liquid	>480					
Acetonitrile	75-05-8	Liquid	>480					
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	>480					
Allyl alcohol	107-18-6	Liquid	>480					
Amino benzene	62-53-3	Liquid	>480					
Amino ethanol, 2-	141-43-5	Liquid	>480					
Ammonia (gaseous)	7664-41-7	Vapor	>480					
Ammonium hydroxide (28% - 30%)	1336-21-6	Liquid	>480					
Amyl acetate, n-	628-63-7	Liquid	158					
Amyl alcohol	71-41-0	Liquid	>480					
Amyl ester acetic acid	628-63-7	Liquid	158					
Aniline	62-53-3	Liquid	>480					
Benzenamine	62-53-3	Liquid	>480					
Benzene	71-43-2	Liquid	34					
Benzyl alcohol	100-51-6	Liquid	>480					
Butadiene, 1,3- (gaseous)	106-99-0	Vapor	473					
Butanol, 1-	71-36-3	Liquid	>480					
Butanol, n-	71-36-3	Liquid	>480					
Butanone oxime, 2-	96-29-7	Liquid	>480					
Butoxy ethanol, 2-	111-76-2	Liquid	>480					
Butyl acetate, n-	123-86-4	Liquid	125					

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
Butyl acrylate, n-	141-32-2	Liquid	20					
Butyl alcohol, n-	71-36-3	Liquid	>480					
Butyl amine	109-73-9	Liquid	45					
Carbon disulfide	75-15-0	Liquid	imm					
Carbon tetrachloride	56-23-5	Liquid	53					
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 2,3-epoxy propane, 1-	106-89-8	Liquid	>480					
Chloro ethene	75-01-4	Vapor	268					
Chloro form	67-66-3	Liquid	21					
Citric acid (30%)	77-92-9	Liquid	>480					
Cresols, mixed isomers	1319-77-3	Liquid	>480					
Cresylic acid	1319-77-3	Liquid	>480					
Cyanoethylene	107-13-1	Liquid	>480					
Cyanomethane	75-05-8	Liquid	>480					
Cyclo hexane	110-82-7	Liquid	44					
Cyclo hexanone	108-94-1	Liquid	>480					
Diaminodiphenylmethane, 4,4'- (190 °C, liquid)	101-77-9	Liquid	>480					
Diaminoethane, 1,2-	107-15-3	Liquid	>480					
Dichlorbenzen, 1,2-	95-50-1	Liquid	imm					
Dichlorethane, 1.2.-	107-06-2	Liquid	69					
Dichloro ethylene, 1,1-	75-35-4	Liquid	imm					
Dichloro methane	75-09-2	Liquid	20					
Diethanolamine	111-42-2	Liquid	>480					
Diethyl amine	109-89-7	Liquid	30					
Diethyl ether	60-29-7	Liquid	19					
Diethylene glycol monobutyl ether	112-34-5	Liquid	>480					
Diethylene imide oxide	110-91-8	Liquid	>480					
Dimethyl acetamide, N,N-	127-19-5	Liquid	>480					

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
Dimethyl amine (40%)	124-40-3	Liquid	65					
Dimethyl formamide, N,N-	68-12-2	Liquid	>480					
Dimethyl hydrazine, N,N-	57-14-7	Liquid	>480					
Dimethyl ketal	67-64-1	Liquid	>480					
Dimethyl ketone	67-64-1	Liquid	>480					
Dimethyl sulfate	77-78-1	Liquid	30					
Dimethyl sulfoxide	67-68-5	Liquid	>480					
Epichlorohydrin	106-89-8	Liquid	>480					
Epoxy ethane (gaseous)	75-21-8	Vapor	189					
Epoxy propane, 1,2-	75-56-9	Liquid	imm					
Ethane 1,2-diol	107-21-1	Liquid	>480					
Ethane nitrile	75-05-8	Liquid	>480					
Ethanol	64-17-5	Liquid	>480					
Ethanol amine	141-43-5	Liquid	>480					
Ethyl acetate	141-78-6	Liquid	212					
Ethyl alcohol	64-17-5	Liquid	>480					
Ethyl benzene	100-41-4	Liquid	imm					
Ethyl ethanamine, N-	109-89-7	Liquid	30					
Ethyl ether	60-29-7	Liquid	19					
Ethyl nitrile	75-05-8	Liquid	>480					
Ethylene diamine	107-15-3	Liquid	>480					
Ethylene dichloride	107-06-2	Liquid	69					
Ethylene glycol	107-21-1	Liquid	>480					
Ethylene glycol monobutyl ether	111-76-2	Liquid	>480					
Ethylene oxide (gaseous)	75-21-8	Vapor	189					
Ethylene tetrachloride	127-18-4	Liquid	28					
Ethylene trichloride	79-01-6	Liquid	13					
Fluoroboric acid (48-50%)	16872-11-0	Liquid	>480					
Formalin (37% (10-15% Methanol))	50-00-0	Liquid	>480					
Formic acid (>95%)	64-18-6	Liquid	>480					

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
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	23					
Hexane, n-	110-54-3	Liquid	13					
Hexanone	108-94-1	Liquid	>480					
Hexone	108-10-1	Liquid	292					
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	>480					
Hydrogen chloride (gaseous)	7647-01-0	Vapor	>480					
Hydrogen fluoride (20-27 °C, gaseous)	7664-39-3	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	>480					
Hydroxy toluene	100-51-6	Liquid	>480					
Iodomethane	74-88-4	Liquid	imm					
Isoamyl alcohol	123-51-3	Liquid	>480					
Isobutyl methyl ketone	108-10-1	Liquid	292					
Isopropanol	67-63-0	Liquid	>480					
Isopropyl alcohol	67-63-0	Liquid	>480					
Kerosene	8008-20-6	Liquid	94					
Ketone propane	67-64-1	Liquid	>480					
Low boiling point naphtha - unspecified	8052-41-3	Liquid	77					
Methanol	67-56-1	Liquid	>480					
Methoxy 2-methylpropane, 2-	1634-04-4	Liquid	38					
Methyl 2-methyl-2-propenoate	80-62-6	Liquid	63					

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 acetyl	67-64-1	Liquid	>480					
Methyl amine (40%)	74-89-5	Liquid	>480					
Methyl aniline, o-	95-53-4	Liquid	>480					
Methyl benzol	108-88-3	Liquid	22					
Methyl butan-1-ol, 3-	123-51-3	Liquid	>480					
Methyl chloride (gaseous)	74-87-3	Vapor	>480					
Methyl chloroform	71-55-6	Liquid	72					
Methyl cyanide	75-05-8	Liquid	>480					
Methyl ethyl ketoxime	96-29-7	Liquid	>480					
Methyl iodide	74-88-4	Liquid	imm					
Methyl ketone	67-64-1	Liquid	>480					
Methyl methacrylate	80-62-6	Liquid	63					
Methyl pentan-2-one, 4-	108-10-1	Liquid	292					
Methyl phenols	1319-77-3	Liquid	>480					
Methyl salicylate	119-36-8	Liquid	>480					
Methyl tert-butyl ether	1634-04-4	Liquid	38					
Methyl trichloromethane	71-55-6	Liquid	72					
Methylene chloride	75-09-2	Liquid	20					
Methylene dianiline (190 °C, liquid)	101-77-9	Liquid	>480					
Mineral spirit	64475-85-0	Liquid	77					
Morpholine	110-91-8	Liquid	>480					
Nitric acid (23%)	7697-37-2	Liquid	>480					
Nitric acid (70%)	7697-37-2	Liquid	>480					
Nitro benzene	98-95-3	Liquid	>480					
Nitro methane	75-52-5	Liquid	>480					
Nitro propane, 2-	79-46-9	Liquid	>480					
PCB 1254 (95%)	11097-69-1	Liquid	>480					
Pentachlorophenol (5% in Kerosene)	87-86-5	Liquid	imm					
Pentanedial, 1,5- (50%)	111-30-8	Liquid	>480					

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
Pentanol, 1-	71-41-0	Liquid	>480					
Pentyl acetate	628-63-7	Liquid	158					
Phenethylene	100-42-5	Liquid	26					
Phenyl amine	62-53-3	Liquid	>480					
Phenyl ethane	100-41-4	Liquid	imm					
Phosphoric acid (85%)	7664-38-2	Liquid	>480					
Pimelic ketone	108-94-1	Liquid	>480					
Potassium hydroxide (45%)	1310-58-3	Liquid	>480					
Propan -2-ol	67-63-0	Liquid	>480					
Propan -2-one	67-64-1	Liquid	>480					
Propen 1-ol, 2-	107-18-6	Liquid	>480					
Propenamide (50%)	79-06-1	Liquid	>480					
Propenenitrile, 2-	107-13-1	Liquid	>480					
Propenoic acid butyl ester, 2-	141-32-2	Liquid	20					
Propenoic acid nitrile	107-13-1	Liquid	>480					
Propylene oxide, 1,2-	75-56-9	Liquid	imm					
Pyroacetic ether	67-64-1	Liquid	>480					
Sodium hydroxide (50%)	1310-73-2	Liquid	>480					
Sodium hypochlorite (4-6%)	7681-52-9	Liquid	>480					
Spiritus	64-17-5	Liquid	>480					
Stoddard solvent	8052-41-3	Liquid	77					
Styrene	100-42-5	Liquid	26					
Sulfuric acid (47%)	7664-93-9	Liquid	>480					
Sulfuric acid (>95%)	7664-93-9	Liquid	>480					
Sulfuric acid dimethyl ester	77-78-1	Liquid	30					
Tetrachloro ethylene, 1,1,2,2-	127-18-4	Liquid	28					
Tetrachloro methane	56-23-5	Liquid	53					
Tetrahydrofuran	109-99-9	Liquid	24					
Toluene	108-88-3	Liquid	22					
Toluene diisocyanate, 2,4-	584-84-9	Liquid	>480					

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
Toluidine, o-	95-53-4	Liquid	>480					
Trichloro 1,2,2-trifluoroethane, 1,1,2-	76-13-1	Liquid	>480					
Trichloro benzene, 1,2,4-	120-82-1	Liquid	imm					
Trichloro ethane, 1,1,1-	71-55-6	Liquid	72					
Trichloro ethylene	79-01-6	Liquid	13					
Trichloro methane	67-66-3	Liquid	21					
Vinyl acetate	108-05-4	Liquid	163					
Vinyl benzol	100-42-5	Liquid	26					
Vinyl carbinol	107-18-6	Liquid	>480					
Vinyl chloride	75-01-4	Vapor	268					
Vinyl cyanide	107-13-1	Liquid	>480					
Vinyl ethylene (gaseous)	106-99-0	Vapor	473					
Vinylidene chloride	75-35-4	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 µg/cm²/min [mins] acc. ASTM F1383

Important Note.