



BT730 BK UL

DUPONT™ Tychem® BT730

Effective August 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	14 mil (0.36 mm)
Liner	Unlined
Coating	Fully coated Butyl
Cuff Style	Rolled / Anatomical shape
Color/Grip	Black
Packaging	1 pair per bag/12 bags per box: 12 total pairs

FEATURES & PRODUCT DETAILS

Tychem BT730 gloves are designed to provide the ideal combination of protection and dexterity when handling ketones and esters.

- These thin gloves feature a superior grip and a superior resistance to highly corrosive acids. Their light and thin coating offers a "second-skin" feel with optimum grip, which is ideal for working in greasy and damp environments.
- Protects the hand from high corrosive chemical including alcohols, ester , ketones (more information on SafeSPEC)
- A thin, light glove with a 'second skin' feel
- Impermeable for working in damp or greasy environments
- Without special treatment Available by pair in individual pair in polybag
- Virus protection pictogram visible on packaging for the productions as of 2021

TYPICAL INDUSTRIES

- Chemical
- Municipal services
- Steel & metals

APPLICATIONS

- Spraying chemical
- Corrosive Acid handling
- Acetone and Ketone handling

AVAILABLE OPTIONS

Product Name	Sizes	Full Part Number	Article Number
Tychem® BT730	7	BT7300BK070024UL	D15536328
Tychem® BT730	8	BT7300BK080024UL	D15536329
Tychem® BT730	9	BT7300BK090024UL	D15536330
Tychem® BT730	10	BT7300BK100024UL	D15536331
Tychem® BT730	11	BT7300BK110024UL	D15536332

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: thiazoles and thiurames

SIZES

Product Size	Article Number	Additional info
7	D15536328	
8	D15536329	
9	D15536330	
10	D15536331	
11	D15536332	

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
Acetic acid ethyl ester	Liquid	141-78-6	101					
Acetone	Liquid	67-64-1	139					
Acetonitrile	Liquid	75-05-8	>480					
Acrylamide (50%)	Liquid	79-06-1	>480					
Acrylicamide (50%)	Liquid	79-06-1	>480					
Acrylonitrile	Liquid	107-13-1	>480					
Ammonium hydroxide (28% - 30%)	Liquid	1336-21-6	>480					
Benzyl alcohol	Liquid	100-51-6	>480					
Butanol, 1-	Liquid	71-36-3	>480					
Butanol, n-	Liquid	71-36-3	>480					
Butanone	Liquid	78-93-3	49					
Butyl alcohol, n-	Liquid	71-36-3	>480					
Carbon tetrachloride	Liquid	56-23-5	18					
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	>480					
Chloro benzene	Liquid	108-90-7	20					
Chloro form	Liquid	67-66-3	15					
Cyanoethylene	Liquid	107-13-1	>480					
Cyanomethane	Liquid	75-05-8	>480					
Cyclo hexane	Liquid	110-82-7	13					
Cyclo hexanone	Liquid	108-94-1	>480					
Dichlorethane, 1.2.-	Liquid	107-06-2	imm					
Dichloro methane	Liquid	75-09-2	imm					
Dichloropentane	Liquid	628-76-2	131		NT	NT	NT	NT
Dimethyl Methyl Phosphonate	Liquid	756-79-6	>480		E	E	E	E
Dimethyl ketal	Liquid	67-64-1	139					
Dimethyl ketone	Liquid	67-64-1	139					
Epichlorohydrin	Liquid	106-89-8	>480					
Ethane 1,2-diol	Liquid	107-21-1	>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
Ethane nitrile	Liquid	75-05-8	>480					
Ethanol	Liquid	64-17-5	>480					
Ethyl acetate	Liquid	141-78-6	101					
Ethyl alcohol	Liquid	64-17-5	>480					
Ethyl nitrile	Liquid	75-05-8	>480					
Ethylene dichloride	Liquid	107-06-2	imm					
Ethylene glycol	Liquid	107-21-1	>480					
Ethylene tetrachloride	Liquid	127-18-4	imm					
Ethylene trichloride	Liquid	79-01-6	imm					
Glycol alcohol	Liquid	107-21-1	>480					
Heptane	Liquid	142-82-5	imm					
Hexane, n-	Liquid	110-54-3	imm					
Hexanone	Liquid	108-94-1	>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					
Hydroxy toluene	Liquid	100-51-6	>480					
Isoamyl alcohol	Liquid	123-51-3	>480					
Isopropanol	Liquid	67-63-0	>480					
Isopropyl alcohol	Liquid	67-63-0	>480					
Ketone propane	Liquid	67-64-1	139					
MEK	Liquid	78-93-3	49					
Methanol	Liquid	67-56-1	>480					
Methoxy 2-methylpropane, 2-	Liquid	1634-04-4	imm					
Methyl Phenyl Ketone	Liquid	98-86-2	>480		E	E	E	E
Methyl acetyl	Liquid	67-64-1	139					
Methyl benzol	Liquid	108-88-3	imm					
Methyl butan-1-ol, 3-	Liquid	123-51-3	>480					
Methyl chloroform	Liquid	71-55-6	13					

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 cyanide	Liquid	75-05-8	>480					
Methyl ethyl ketone	Liquid	78-93-3	49					
Methyl ketone	Liquid	67-64-1	139					
Methyl salicylate	Liquid	119-36-8	>480					
Methyl tert-butyl ether	Liquid	1634-04-4	imm					
Methyl trichloromethane	Liquid	71-55-6	13					
Methylene chloride	Liquid	75-09-2	imm					
Mineral spirit	Liquid	64475-85-0	16					
Naphtha	Liquid	8032-32-4	imm		E	F	F	F
Nitric acid (23%)	Liquid	7697-37-2	>480					
Nitric acid (70%)	Liquid	7697-37-2	>480					
Nitro benzene	Liquid	98-95-3	>480					
Octanol, n-	Liquid	111-87-5	>480		E	E	E	E
Phenethylene	Liquid	100-42-5	15					
Phenol (89%)	Liquid	108-95-2	>480		E	E	E	E
Phenyl chloride	Liquid	108-90-7	20					
Phosphoric acid (85%)	Liquid	7664-38-2	>480					
Pimelic ketone	Liquid	108-94-1	>480					
Propan -2-ol	Liquid	67-63-0	>480					
Propan -2-one	Liquid	67-64-1	139					
Propenamide (50%)	Liquid	79-06-1	>480					
Propenenitrile, 2-	Liquid	107-13-1	>480					
Propenoic acid nitrile	Liquid	107-13-1	>480					
Pyroacetic ether	Liquid	67-64-1	139					
Sodium hydroxide (50%)	Liquid	1310-73-2	>480					
Spiritus	Liquid	64-17-5	>480					
Styrene	Liquid	100-42-5	15					
Sulfuric acid (47%)	Liquid	7664-93-9	>480					
Sulfuric acid (>95%)	Liquid	7664-93-9	>480					
Tetrachloro ethylene, 1,1,2,2-	Liquid	127-18-4	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
Tetrachloro methane	Liquid	56-23-5	18					
Tetrahydrofuran	Liquid	109-99-9	13					
Toluene	Liquid	108-88-3	imm					
Trichloro ethane, 1,1,1-	Liquid	71-55-6	13					
Trichloro ethylene	Liquid	79-01-6	imm					
Trichloro methane	Liquid	67-66-3	15					
Triethyl Phosphate	Liquid	78-40-0	>480		E	E	E	E
Vinyl benzol	Liquid	100-42-5	15					
Vinyl cyanide	Liquid	107-13-1	>480					
Xylene, mixed isomers	Liquid	1330-20-7	25					

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.