Tychem 4000 SL

Estilo: SL127T

Descripción y Características del Traje:

Overol con gorro. Sistema de cierre con cremallera frontal y ajuste elástico en cara, muñecas y tobillos. Solapa sobre la cremallera. Disponible en Tallas S, M, L, XL, 2XL, 3XL y hasta 7XL.

Descripción de la Tela:

Tychem® SL es una tela protectora de DuPont™ Tyvek® recubierta con una película de Dow Saranex® 23P de resistencia química. Es una tela versátil con protección comprobada contra un amplio espectro de químicos.

Color: Blanco

Tipo de Costura: Termosellada

Costuras que proporcionan resistencia química fuerte contra salpicaduras fuertes de líquidos. Una costura cosida se cubre con una tira de material compatible resistente a los químicos a través de un proceso de termosellado.

Rango de Temperatura

-13 ° F (-25 ° C) a 120 ° F (49 ° C)

Este rango es establecido por la realización de pruebas en alta (ASTM D751) y baja (ASTM D2136) temperaturas.
La prueba de permeación de acuerdo con la norma ASTM F739 se lleva a cabo a una temperatura ambiente de aprox. 77 ° F (25 ° C). La variación de la temperatura afecta el comportamiento y la agresividad de los productos químicos y puede alterar el funcionamiento de la barrera de la tela.
Los tejidos Tychem® ofrecen poca o ninguna protección térmica de calor para el usuario. El rango de temperatura de resistencia de la tela y las costuras es mucho más alto que las temperaturas que la piel humana puede soportar sin daño.

Tychem® SL - Propiedades de la Tela

Propiedad	Método de Prueba	Resultados
Peso Base	ASTM D3776	3.6 oz/yd^2
Resistencia la rompimiento	ASTM D5034	MD 44 lb / CD 52 lb
Resistencia a la punción – Mullen Burst	ASTM D3786	73 psi
Espesor	ASTM D1777	12 mils

Datos de Resistencia Química
Permeación

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm^2/min) / Desempeño
(2-Ethoxyethoxy)-ethanol, 2-	111-90-0	Liquid	>480
1,1,2,2-Tetrachloroethylene	127-18-4	Liquid	imm.
1,3-Butadiene (gas)	106-99-0	Vapor	>480
1,5-Pentanedial (50%)	111-30-8	Liquid	>480
1-Bromopropane	106-94-5	Liquid	12
1-Propyl bromide	106-94-5	Liquid	12
Acetic acid	64-19-7	Liquid	>480
Acetic anhydride	108-24-7	Liquid	48
Acetone	67-64-1	Liquid	imm.
Acetonitrile	75-05-8	Liquid	60
Acetyl chloride	75-36-5	Liquid	63
Acrolein	107-02-8	Liquid	24
Acrylamide (50% in water)	79-06-1	Liquid	>480
Acrylic acid	79-10-7	Liquid	>480
Acrylonitrile	107-13-1	Liquid	48
Allyl alcohol	107-18-6	Liquid	>480
Allyl chloride	107-05-1	Liquid	imm.
Aminopyridine, 2- (saturated solution)	504-29-0	Liquid	>480
Ammonia (gas)	7664-41-7	Vapor	32
Ammonium hydroxide (28%-30%)	1336-21-6	Liquid	>480
Ammonium hydroxide (in household cleaner, 2-3%)	1336-21-6	Liquid	>480
Anhydrous ammonia (gas)	7664-41-7	Vapor	32
Aniline	62-53-3	Liquid	>480
Animal Waste (non-hazardous; solid)	unknown	Solid	May be Suitable for Use
Antimony pentachloride	7647-18-9	Liquid	>480
Asbestos (all forms)	1332-21-4	Solid	May be Suitable for Use
Benzene	71-43-2	Liquid	imm.

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm^2/min) / Desempeño
Benzyl alcohol	100-51-6	Liquid	>480
Beryllium	7440-41-7	Solid	May be Suitable for Use
Bisphenol-A diglycidyl ether	1675-54-3	Liquid	>480
Black liquor	308074-23-9	Liquid	>480
Bromopropane, 1-	106-94-5	Liquid	12
Butadiene, 1,3- (gas)	106-99-0	Vapor	>480
Butanol, n-	71-36-3	Liquid	>480
Butyl Cellosolve®	111-76-2	Liquid	>480
Butyraldehyde, n-	123-72-8	Liquid	41
Carbon disulfide	75-15-0	Liquid	imm.
Caustic potash (45%)	1310-58-3	Liquid	>480
Caustic soda (42-50%)	1310-73-2	Liquid	>480
Chemidize 727 ND	mixture	Liquid	>480
Chlorine (gas)	7782-50-5	Vapor	>480
Chloroacetic acid (70%-80%)	79-11-8	Liquid	>480
Chloroacetone	78-95-5	Liquid	258
Chloroacetyl chloride	79-04-9	Liquid	120
Chloroaniline, 4- (70° C)	106-47-8	Liquid	imm.
Chloroaniline, p- (70° C)	106-47-8	Liquid	imm.
Chlorobenzene	108-90-7	Liquid	imm.
Chloroform	67-66-3	Liquid	imm.
Chlorosulfonic acid	7790-94-5	Liquid	>480
Chlorotoluene, o-	95-49-8	Liquid	13
Chromic acid (60-62%)	1333-82-0	Liquid	>480
Cresol, mixed isomers	1319-77-3	Liquid	100
Cresol, o-	95-48-7	Liquid	>480
Crude oil	8002-05-9	Liquid	>480
Cyclohexanone	108-94-1	Liquid	136
Cyclohexyl isocyanate	3173-53-3	Liquid	54
Dichloroaniline, 3,4- (liquid, 70° C)	95-76-1	Liquid	imm.
Dichloromethane	75-09-2	Liquid	imm.
Dichloropropene, 1,3-	542-75-6	Liquid	imm.
Diesel fuel	68334-30-5	Liquid	48
Diethyl-m-toluidine crude	91-67-8	Liquid	>480
Diethylamine	109-89-7	Liquid	15
Diethylaniline crude	91-66-7	Liquid	>480
Dimethyl sulfate	77-78-1	Liquid	>480
Dimethyl-acetamide, N,N-	127-19-5	Liquid	96
Dimethyldichlorosilane	75-78-5	Liquid	46
Dimethylene oxide (gas)	75-21-8	Vapor	imm.
Dimethylformamide, N,N-	68-12-2	Liquid	90
Dimethylhydrazine, 1,1-	57-14-7	Liquid	13

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm^2/min) / Desempeño
Dimethylmaleate	624-48-6	Liquid	>480
Dirt (general)	unknown	Solid	May be Suitable for Use
Disodium sulfide (60% w/w in water slurry)	1313-82-2	Liquid	>480
Epichlorohydrin	106-89-8	Liquid	15
Epoxyethane (gas)	75-21-8	Vapor	imm.
Ethanol	64-17-5	Liquid	>480
Ethyl Cellosolve®	110-80-5	Liquid	>480
Ethyl Cellosolve® acetate	111-15-9	Liquid	39
Ethyl acetate	141-78-6	Liquid	imm.
Ethyl alcohol	64-17-5	Liquid	>480
Ethyl ether	60-29-7	Liquid	imm.
Ethyl hydroxide	64-17-5	Liquid	>480
Ethylene dichloride	107-06-2	Liquid	imm.
Ethylene glycol	107-21-1	Liquid	>480
Ethylene oxide (gas)	75-21-8	Vapor	imm.
Ethylenediamine	107-15-3	Liquid	>480
Ferric chloride (50% w/w in water)	7705-08-0	Liquid	>480
Ferrous chloride (50% w/w in water)	7758-94-3	Liquid	>480
Fertilizer (general; solid form)	unknown	Solid	May be Suitable for Use
Fiberglass	unknown	Solid	May be Suitable for Use
Fluorobenzene	462-06-6	Liquid	imm.
Fluoroboric acid (48-50%)	16872-11-0	Liquid	>480
Formalin	mixture	Liquid	>480
Formic acid	64-18-6	Liquid	>480
Fuel oil	68476-30-2	Liquid	>480
Fungicide (general; solid form)	unknown	Solid	May be Suitable for Use
Furfural	98-01-1	Liquid	227
Gasoline	86290-81-5	Liquid	imm.
Gasoline, E-10	308066-70-8	Liquid	16
Glutaric acid dialdehyde (50%)	111-30-8	Liquid	>480
Glutaric aldehyde (50%)	111-30-8	Liquid	>480
Gluteraldehyde (50%)	111-30-8	Liquid	>480
Green liquor	68131-30-6	Liquid	>480
HCN (Hydrogen cyanide) (liquid, 21° C)	74-90-8	Liquid	>480
Hazardous Particles (larger than 0.3 micron in size)	unknown	Solid	May be Suitable for Use
Hazardous Particles (larger than 1 micron in size)	unknown	Solid	May be Suitable for Use
Herbicide (general; solid form)	unknown	Solid	May be Suitable for Use
Hexamethyldisilizane	999-97-3	Liquid	>480
Hexamethylene diisocyanate	822-06-0	Liquid	>480
Hexamethylenediamine, 1,6- (50° C)	124-09-4	Liquid	80

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm²/min) / Desempeño
Hexane, n-	110-54-3	Liquid	imm.
Hydrazine	302-01-2	Liquid	>480
Hydriodic acid (47%)	10034-85-2	Liquid	>480
Hydrochloric acid (37%)	7647-01-0	Liquid	>480
Hydrocyanic acid (liquid, 21° C)	74-90-8	Liquid	>480
Hydrofluoric acid (48-51%)	7664-39-3	Liquid	>480
Hydrofluoric acid (70%)	7664-39-3	Liquid	imm.
Hydrogen chloride (gas)	7647-01-0	Vapor	>480
Hydrogen cyanide (liquid, 21° C)	74-90-8	Liquid	>480
Hydrogen fluoride (gas)	7664-39-3	Vapor	35
Hydrogen peroxide (30%)	7722-84-1	Liquid	>480
Insecticide (general; solid form)	unknown	Solid	May be Suitable for Use
Iodine (5% in carbon tetrachloride)	7553-56-2	Liquid	>480
Iron (II) chloride (50% w/w in water)	7758-94-3	Liquid	>480
Iron dichloride (50% w/w in water)	7758-94-3	Liquid	>480
Iron trichloride (50% w/w in water)	7705-08-0	Liquid	>480
Iron(III) chloride (50% w/w in water)	7705-08-0	Liquid	>480
Isoamyl alcohol	123-51-3	Liquid	>480
JP-4 jet fuel	50815-00-4	Liquid	imm.
JP-8 jet fuel	94114-58-6	Liquid	58
Jet A fuel	8008-20-6	Liquid	58
KOH (Potassium hydroxide) (45%)	1310-58-3	Liquid	>480
Kerosene	8008-20-6	Liquid	58
Lead	7439-92-1	Solid	May be Suitable for Use
Lewisite (10 g/m²)	541-25-3	Liquid	>360
Lime	mixture	Solid	May be Suitable for Use
Lye (42-50%)	1310-73-2	Liquid	>480
MEK (Methyl ethyl ketone)	78-93-3	Liquid	18
Malathion (50% in water)	121-75-5	Liquid	>480
Mercuric chloride (sat. sol. in water)	7487-94-7	Liquid	>480
Mercury	7439-97-6	Liquid	>480
Methanesulfonic acid (70% in water)	75-75-2	Liquid	>480
Methanol	67-56-1	Liquid	>480
Methyl Cellosolve®	109-86-4	Liquid	89
Methyl Cellosolve® acetate	110-49-6	Liquid	260
Methyl bromide	74-83-9	Vapor	>480
Methyl chloride (gas)	74-87-3	Vapor	>480
Methyl ethyl ketone	78-93-3	Liquid	18
Methyl ethyl ketoxime	96-29-7	Liquid	>480
Methyl iodide	74-88-4	Liquid	imm.
Methyl isocyanate	624-83-9	Liquid	imm.
Methyl methacrylate	80-62-6	Liquid	23

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm^2/min) / Desempeño
Methyl salicylate	119-36-8	Liquid	>480
Methyl tert-butyl ether	1634-04-4	Liquid	>480
Methyl-2-pyrrolidone, N-	872-50-4	Liquid	>480
Methylene bis (o-chloroaniline), 4,4'- (sat. sol. in methanol)	101-14-4	Liquid	>480
Methylene bis-cyclohexane diamine, 4,4'-	1761-71-3	Liquid	>480
Methylene chloride	75-09-2	Liquid	imm.
Mineral oil	8012-95-1	Liquid	>480
Mineral spirits	64475-85-0	Liquid	190
Mold spores	unknown	Solid	May be Suitable for Use
Morpholine	110-91-8	Liquid	158
Muriatic acid (37%)	7647-01-0	Liquid	>480
N,N-Dimethylformamide	68-12-2	Liquid	90
NaOH (Sodium hydroxide) (42-50%)	1310-73-2	Liquid	>480
Nitric acid (70%)	7697-37-2	Liquid	>480
Nitrobenzene	98-95-3	Liquid	57
Nitrogen dioxide	10102-44-0	Vapor	>480
Nitrophenol, o- (70° C)	88-75-5	Liquid	imm.
Nitrophenol, p- (60° C)	100-02-7	Liquid	imm.
Nitrotoluene, o-	88-72-2	Liquid	95
Non-Hazardous Particles (larger than 0.3 micron in size)	unknown	Solid	May be Suitable for Use
Non-Hazardous Particles (larger than 1 micron in size)	unknown	Solid	May be Suitable for Use
Oleum (20% free SO3)	8014-95-7	Liquid	>480
Oleum (27-33% free SO3)	8014-95-7	Liquid	450
PCB 1254 (50% in mineral oil)	mixture	Liquid	>480
PCB 1254 (90%)	11097-69-1	Liquid	>480
Pentanedial, 1,5- (50%)	111-30-8	Liquid	>480
Pesticide (general; solid form)	unknown	Solid	May be Suitable for Use
Phenol (60° C)	108-95-2	Liquid	
Phenol (85-90%)	108-95-2	Liquid	>480
Phenyl glycidyl ether	122-60-1	Liquid	>480
Phenylethanol, 1-	98-85-1	Liquid	>480
Phosphoric acid (85%)	7664-38-2	Liquid	>480
Phosphorus trichloride	7719-12-2	Liquid	imm.
Polychlorinated biphenyl 1254 (50% in mineral oil)	mixture	Liquid	>480
Polychlorinated biphenyl 1254 (90%)	11097-69-1	Liquid	>480
Polymethylene polyphenyl-polyisocyanate	9016-87-9	Liquid	>480
Potash lye (45%)	1310-58-3	Liquid	>480
Potassium acetate (sat. sol. in water)	127-08-2	Liquid	>480

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm²/min) / Desempeño
Potassium chromate (sat. sol. in water)	7789-00-6	Liquid	>480
Potassium hydroxide (45%)	1310-58-3	Liquid	>480
Propyl bromide, 1-	106-94-5	Liquid	12
Propylbromide, n-	106-94-5	Liquid	12
Pyridine	110-86-1	Liquid	31
Radioactive particles	unknown	Solid	May be Suitable for Use
Sarin (10 g/m²)	107-44-8	Liquid	>480
Silicon tetrachloride	10026-04-7	Liquid	35
Sodium cyanide (sat. sol. in water)	143-33-9	Liquid	>480
Sodium disulfite (38% w/w in water)	7681-57-4	Liquid	>480
Sodium fluoride (sat. sol. in water)	7681-49-4	Liquid	>480
Sodium hydroxide (42-50%)	1310-73-2	Liquid	>480
Sodium hypochlorite (15%)	7681-52-9	Liquid	>480
Sodium metabisulfite (38% w/w in water)	7681-57-4	Liquid	>480
Sodium pyrosulfite (38% w/w in water)	7681-57-4	Liquid	>480
Sodium sulfide (60% w/w in water slurry)	1313-82-2	Liquid	>480
Styrene	100-42-5	Liquid	16
Sulfur dioxide	7446-09-5	Vapor	>480
Sulfur mustard (10 g/m²)	505-60-2	Liquid	>480
Sulfuric acid	7664-93-9	Liquid	>480
Tar balls	unknown	Solid	May be Suitable for Use
Tetrachloroethane, 1,1,2,2-	79-34-5	Liquid	75
Tetrachloroethylene, 1,1,2,2-	127-18-4	Liquid	imm.
Tetrafluoroethane, 1,1,1,2-	811-97-2	Liquid	>480
Tetrahydrofuran	109-99-9	Liquid	imm.
Titanium tetrachloride	7550-45-0	Liquid	imm.
Toluene	108-88-3	Liquid	imm.
Toluene-2,4-diisocyanate	584-84-9	Liquid	>480
Toluidine, m-	108-44-1	Liquid	>480
Toluidine, o-	95-53-4	Liquid	>480
Trichlorobenzene, 1,2,4-	120-82-1	Liquid	87
Trichloroethanol, 2,2,2-	115-20-8	Liquid	19
Trichloroethylene	79-01-6	Liquid	imm.
Trichlorophenylsilane	98-13-5	Liquid	>480
Trichlorosilane	10025-78-2	Liquid	60
Trichlorovinylsilane	75-94-5	Liquid	100
Triethylamine	121-44-8	Liquid	22
Trifluoroacetic acid	76-05-1	Liquid	>480
Trifluoromethane sulfonic acid	1493-13-6	Liquid	>480
Trimethyl phosphite	121-45-9	Liquid	imm.
VM&P Naphtha	8030-30-6	Liquid	18
VX Nerve agent (10 g/m²)	50782-69-9	Liquid	>480

Nombre Químico	Número CAS	Fase	Tiempo de Ruptura de barrera (Promedio, normalizado a 0.1 µg/cm^2/min) / Desempeño
Vinyl acetate	108-05-4	Liquid	82
Vinyl chloride	75-01-4	Vapor	>480
Vinylmagnesium chloride (15% in tetrahydrofuran)	3536-96-7	Liquid	imm.

Los tiempos de ruptura de químicos industriales se normalizan a una tasa de penetración de 0,1 ug/cm2/min de conformidad con la norma ASTM F739-91. Los agentes químicos se prueban de acuerdo con el estándar militar MIL-STD-282. PRECAUCIÓN: Estos datos de prueba se derivan de las pruebas realizadas en muestras de tela solamente, no para trajes terminados, costuras o componentes.* ND = no detectado

DISTRIBUIDOR PERU

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