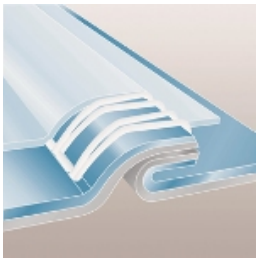
C3122T TN

DuPont™ Tychem® CPF 3

Line Drawing



Taped Seam

FEATURES AND BENEFITS

Tychem® CPF3 fabric is composed of a multi-layer film barrier laminated to a durable 2.0 oz/yd2 polypropylene substrate. Tychem® CPF3 fabric is strong and durable for rigorous activities and rugged situations involving liquid splash and provides barrier to a broad range of chemicals. Typical Applications: chemical handling, petro-chemical, hazardous materials/waste clean-up, fire departments, industrial hazmat teams, utilities, and domestic preparedness. Commonly used in domestic preparedness for situations where the potential to exposure to chemicals exist.

- Taped seams provide strong chemical resistance against heavy liquid splashes. A sewn seam is covered with a strip of compatible chemical-resistant material through heat sealing.
- Attached hood with elastic around face opening
- Strong zipper for tough, flexible closure
- Storm flap covers zipper which can be sealed by the wearer with adhesive strip to prevent intrusion at zipper
- Elastic opening for tighter fit at wrist
- Integrated socks composed of garment material

See all Product Literature

Product Description

DuPont™ Tychem® CPF 3 Coverall. Standard Fit Hood. Elastic Wrists. Attached Socks. Storm Flap with Adhesive Closure. Taped Seams. Tan.

Full Part Number: C3122TTNxx0006yy (xx=size; yy=option code)

Fabric: Tychem® CPF 3
Style: Coverall w/ Hood, Elastic Wrists, Att. Socks
Seam: Taped
Color: Tan
Sizes: SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X, 7X
Case Count: 6 per case
Option Codes: 00, BN

Product Terms of Use and Warranty (PDF)

PRODUCT DETAILS

Available Options

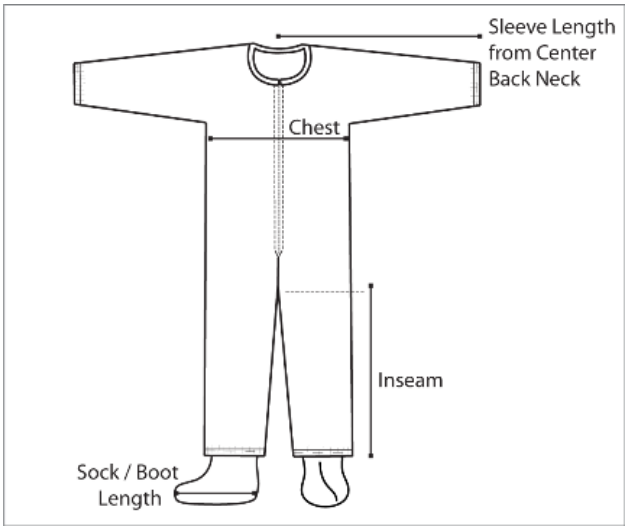
Option Code	Description	Available Sizes	Part Number
00	Standard	SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X, 7X	C3122TTNxx000600
BN	Berry Amendment compliant	SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X, 7X	C3122TTNxx0006BN

Finished Dimensions

Typical Finished Dimensions

Size	Sleeve Length	Chest Width	Inseam	Fits Chest	Fits Height	Men's Shoe	Women's Shoe	Inner Glove Size	Outer Glove Size
SM	32	21 3/8	27 1/2	29 1/2 - 33	5'0" - 5'7"	24	26	n/a	n/a
MD	33	23 3/8	28	33 1/2 - 37	5'3" - 5'7"	24	26	n/a	n/a
LG	34	25 3/8	29	37 1/2 - 41	5'5" - 5'9"	24	26	n/a	n/a
				41 1/2 -	5'8" -				

XL	35 1/2	27 3/8	29 1/2	45	6'2"	24	26	n/a	n/a
2X	37	29 3/8	30	45 1/2 - 49	6'0" - 6'4"	24	26	n/a	n/a
3X	38 1/4	31 3/8	31	49 1/2 - 53	6'2" - 6'4"	24	26	n/a	n/a
4X	39 1/4	33 1/2	32	53 3/4 - 57 1/4	6'4" - 6'7"	24	26	n/a	n/a
5X	41 1/4	36	33	58 3/4 - 62 1/4	6'7" - 6'10"	24	26	n/a	n/a
6X	42 3/4	38 1/4	34	63 1/4 - 66 3/4	6'9" - 7'1"	27	29	n/a	n/a
7X	44 1/4	40 1/2	35	67 3/4 - 71 1/4	7'0" - 7'4"	27	29	n/a	n/a



Specifications

1. The garment shall be constructed of DuPont™ Tychem® CPF 3 -- a multi-layer composite barrier film laminated to a durable 2.0 oz/yd$_2$ polypropylene substrate.
2. The garment shall be tan in color.
3. The garment shall be a hooded coverall design.
4. The garment shall have taped seams.
5. The tape used to cover the seams shall be a film composite with equal to or greater chemical resistance than the base fabric.
6. The garment shall have a standard hood with elastic around the face.
7. The garment shall have a front zipper closure.
8. The zipper shall be covered with a storm flap with adhesive closure.
9. The garment shall have elastic wrists.
10. The garment shall have attached socks.
11. The garment shall have soles made of garment material.

Additional Equipment Needed

- Wear other appropriate PPE such as, but not limited to, respiratory, eye, head, hand, and foot protection based on the hazard assessment.
- Wear separate appropriate outer footwear over the garment sock. This garment has attached socks made of garment material. These socks are not suitable to used as outer footwear. They do not have adequate durability or slip resistance to be worn as the outer foot covering.
- Please read, understand and follow the Tychem® User Manual.

FABRIC DATA

Physical Properties - Typical Values

Tychem® CPF 3 - Fabric Data

Property	Test Method	Result
Thickness	ASTM D1117	18 mils
Basis Weight	ASTM D751	4.4 oz/yd$_2$
Tear Resistance - Trap Tear (MD)	ASTM D5597	21 lb^f
Tear Resistance - Trap Tear (CD)	ASTM D5597	30 lb^f
Breaking Strength - Grab (MD)	ASTM D751	62 lb^f
Breaking Strength - Grab (CD)	ASTM D751	59 lb^f
Puncture, Propagation, Tear Resistance (MD)	ASTM D5034	not available
Puncture, Propagation, Tear Resistance (CD)	ASTM D5034	not available
Wearing Apparel Flammability	16 CFR 1610	Class 1

*Typical values, not specifications.

Chemical Resistance Data

Testing Details

DuPont Permeation Guide

Tychem® CPF 3 - Fabric Data

Hazard / Chemical Name	CAS Number	Phase	Breakthrough Time (average, normalized to 0.1 ug/cm$_2$/min) / Performance
1,1,2,2-Tetrachloroethylene	127-18-4	Liquid	>480
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	Vapor	>480
1,3-Butadiene (gas)	106-99-0	Vapor	>480
1-Aminobutane	109-73-9	Liquid	>480
1-Bromopropane	106-94-5	Liquid	>480
1-Propyl bromide	106-94-5	Liquid	>480
Acetic acid	64-19-7	Liquid	84
Acetic anhydride	108-24-7	Liquid	>480
Acetone	67-64-1	Liquid	>480
Acetonitrile	75-05-8	Liquid	imm.
Acetyl chloride	75-36-5	Liquid	>480
Acrolein	107-02-8	Liquid	178
Acrylonitrile	107-13-1	Liquid	13
Adiponitrile	111-69-3	Liquid	>480
Allyl alcohol	107-18-6	Liquid	>480
Allyl chloride	107-05-1	Liquid	12
Aminobutane, 1-	109-73-9	Liquid	>480
Aminoethylethanolamine	111-41-1	Liquid	>480
Aminoethylethanolamine (60%)	111-41-1	Liquid	>480
Aminoethylpiperazine	140-31-8	Liquid	>480
Ammonia (gas)	7664-41-7	Vapor	12
Ammonia (liquid, < -35°C)	7664-41-7	Liquid	>480
Ammonium chloride (sat. sol. in water)	12125-02-9	Liquid	>480
Ammonium hydroxide (28%-30%)	1336-21-6	Liquid	89
Amyl acetate, n-	628-63-7	Liquid	>480
Anhydrous ammonia (gas)	7664-41-7	Vapor	12
Anhydrous ammonia (liquid, < -35°C)	7664-41-7	Liquid	>480
Aniline	62-53-3	Liquid	320
Anthracene (sat. sol. in toluene)	120-12-7	Liquid	>480
Asbestos (all forms)	1332-21-4	Solid	May be Suitable for Use
Benzene	71-43-2	Liquid	>480
Benzene sulfonyl chloride	98-09-9	Liquid	>480
Benzonitrile	100-47-0	Liquid	450
Benzotrichloride	98-07-7	Liquid	>480
Benzoyl chloride	98-88-4	Liquid	>480
Benzyl chloride	100-44-7	Liquid	>480

Benzyl chloroformate	501-53-1	Liquid	>480
Benzyl cyanide	140-29-4	Liquid	>390
Beryllium	7440-41-7	Solid	May be Suitable for Use
Biological fluids w/ potentially infectious diseases	unknown	Liquid	May be Suitable for Use
Blood	unknown	Liquid	May be Suitable for Use
Blood w/ potentially infectious diseases	unknown	Liquid	May be Suitable for Use
Bodily fluids	unknown	Liquid	May be Suitable for Use
Bodily fluids w/ potentially infectious diseases	unknown	Liquid	May be Suitable for Use
Boron trifluoride dimethyletherate	353-42-4	Liquid	>480
Bromine	7726-95-6	Liquid	imm.
Bromofluorobenzene, 4-	460-00-4	Liquid	>480
Bromopropane, 1-	106-94-5	Liquid	>480
Butadiene, 1,3- (gas)	106-99-0	Vapor	>480
Butan-1-amine	109-73-9	Liquid	>480
Butanol, n-	71-36-3	Liquid	>480
Butyl ether, n-	142-96-1	Liquid	>480
Butylamine, n-	109-73-9	Liquid	>480
Carbon disulfide	75-15-0	Liquid	16
Carbon tetrachloride	56-23-5	Liquid	>480
Caustic potash (45%)	1310-58-3	Liquid	>480
Caustic soda (42-50%)	1310-73-2	Liquid	>480
Chlordane (44%)	57-74-9	Liquid	>480
Chlorine (gas)	7782-50-5	Vapor	imm.
Chlorine (liquid, -70° C)	7782-50-5	Liquid	>480
Chlorine sulfide (80%)	10545-99-0	Liquid	imm.
Chloro-benzotrifluoride, 4-	98-56-6	Liquid	460
Chloroacetic acid (70%-80%)	79-11-8	Liquid	>480
Chloroacetone	78-95-5	Liquid	>480
Chloroacetyl chloride	79-04-9	Liquid	77
Chlorobenzene	108-90-7	Liquid	63
Chlorobenzotrichloride, 4-	5216-25-1	Liquid	>480
Chloroethanol, 2-	107-07-3	Liquid	>480
Chloroform	67-66-3	Liquid	imm.
Chlorosulfonic acid	7790-94-5	Liquid	330
Citric acid (50% in water)	77-92-9	Liquid	>480
Cresol, o-	95-48-7	Liquid	330
Cumene	98-82-8	Liquid	364
Cyclohexane	110-82-7	Liquid	>480
Cyclooctadiene	1552-12-1	Liquid	>480
Dibromo-3-chloropropane, 1,2-	96-12-8	Liquid	>480
Dichloroethyl ether	111-44-4	Liquid	>480
Dichloromethane	75-09-2	Liquid	imm.
Dichloropropene, 1,3-	542-75-6	Liquid	imm.
Diesel fuel	68334-30-5	Liquid	199
Diethanolamine	111-42-2	Liquid	>480
Diethyl sulfate	64-67-5	Liquid	>480
Diethylamine	109-89-7	Liquid	>480
Diethylaniline	91-66-7	Liquid	>480
Diethylenetriamine	111-40-0	Liquid	>480
Dimethyl sulfate	77-78-1	Liquid	>480
Dimethyl sulfoxide	67-68-5	Liquid	>480
Dimethyl-acetamide, N,N-	127-19-5	Liquid	>480
Dimethylamine	124-40-3	Vapor	>480
Dimethylaniline, N,N-	121-69-7	Liquid	imm.
Dimethylene oxide (gas)	75-21-8	Vapor	>480

Dimethylene oxide (liquid, 11° C)	75-21-8	Liquid	18
Dimethylformamide, N,N-	68-12-2	Liquid	>480
Dimethylmaleate	624-48-6	Liquid	>480
Dioxane, 1,4-	123-91-1	Liquid	>480
Diphenylmethane Diisocyanate 4,4- (50° C)	101-68-8	Liquid	>480
Dirt (general)	unknown	Solid	May be Suitable for Use
Disodium sulfide (60% w/w in water slurry)	1313-82-2	Liquid	>480
Disulfur dichloride	10025-67-9	Liquid	210
Dytek® A	15520-10-2	Liquid	>480
Epichlorohydrin	106-89-8	Liquid	67
Epoxyethane (gas)	75-21-8	Vapor	>480
Epoxyethane (liquid, 11° C)	75-21-8	Liquid	18
Ethanethiol	75-08-1	Liquid	>480
Ethanol	64-17-5	Liquid	>480
Ethanolamine	141-43-5	Liquid	>480
Ethyl Cellosolve®	110-80-5	Liquid	>480
Ethyl Cellosolve® acetate	111-15-9	Liquid	>480
Ethyl Mercaptan	75-08-1	Liquid	>480
Ethyl acetate	141-78-6	Liquid	>480
Ethyl alcohol	64-17-5	Liquid	>480
Ethyl benzene	100-41-4	Liquid	>480
Ethyl ether	60-29-7	Liquid	>480
Ethyl hydroxide	64-17-5	Liquid	>480
Ethyl methyacrylate	97-63-2	Liquid	>480
Ethylene dibromide	106-93-4	Liquid	>480
Ethylene dichloride	107-06-2	Liquid	>480
Ethylene glycol acrylate	818-61-1	Liquid	>480
Ethylene oxide (gas)	75-21-8	Vapor	>480
Ethylene oxide (liquid, 11° C)	75-21-8	Liquid	18
Ethylenediamine	107-15-3	Liquid	>480
Feces (solid)	unknown	Solid	May be Suitable for Use
Fertilizer (general; solid form)	unknown	Solid	May be Suitable for Use
Fiberglass	unknown	Solid	May be Suitable for Use
Fluorobenzene	462-06-6	Liquid	>480
Fluoroboric acid (48-50%)	16872-11-0	Liquid	>480
Fluorosilicic acid	16961-83-4	Liquid	>480
Formalin (37% Formaldehyde, 10-15% Methanol)	mixture	Liquid	>480
Formic acid	64-18-6	Liquid	>480
Fungicide (general; solid form)	unknown	Solid	May be Suitable for Use
Furfural	98-01-1	Liquid	>480
Gasoline	86290-81-5	Liquid	>480
HCN (Hydrogen cyanide) (gas)	74-90-8	Vapor	30
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
Heptane	142-82-5	Liquid	>480
Herbicide (general; solid form)	unknown	Solid	May be Suitable for Use
Hexamethylene diisocyanate	822-06-0	Liquid	>480
Hexamethylenediamine, 1,6- (50° C)	124-09-4	Liquid	45
Hexane, n-	110-54-3	Liquid	>480
Hexone	108-10-1	Liquid	>480
Hydriodic acid (55-57%)	10034-85-2	Liquid	>480
Hydrobromic acid (48-49%)	10035-10-6	Liquid	>480
Hydrochloric acid (37%)	7647-01-0	Liquid	>480
Hydrocyanic acid (gas)	74-90-8	Vapor	30
Hydrofluoric acid (48-51%)	7664-39-3	Liquid	180

Hydrofluoric acid (70%)	7664-39-3	Liquid	126
Hydrogen chloride (gas)	7647-01-0	Vapor	>480
Hydrogen cyanide (gas)	74-90-8	Vapor	30
Hydrogen fluoride (gas)	7664-39-3	Vapor	170
Hydrogen fluoride (liquid, 0° C)	7664-39-3	Liquid	50
Hydrogen peroxide (50%)	7722-84-1	Liquid	>480
Hydrogen sulfide	7783-06-4	Vapor	imm.
Hypophosphorus acid (50%)	6303-21-5	Liquid	>480
IPA (Isopropyl alcohol)	67-63-0	Liquid	>480
Insecticide (general; solid form)	unknown	Solid	May be Suitable for Use
Isopropanol	67-63-0	Liquid	>480
Isopropyl alcohol	67-63-0	Liquid	>480
Isopropylamine	75-31-0	Liquid	15
Jet A fuel	8008-20-6	Liquid	>480
KOH (Potassium hydroxide) (45%)	1310-58-3	Liquid	>480
Kerosene	8008-20-6	Liquid	>480
Lead	7439-92-1	Solid	May be Suitable for Use
Lewisite (10 g/m²)	541-25-3	Liquid	120
Lime	mixture	Solid	May be Suitable for Use
Lye (42-50%)	1310-73-2	Liquid	>480
MEK (Methyl ethyl ketone)	78-93-3	Liquid	>480
MIBK (Methyl isobutyl ketone)	108-10-1	Liquid	>480
Mercury	7439-97-6	Liquid	>480
Mesityl oxide	141-79-7	Liquid	>480
Methanol	67-56-1	Liquid	imm.
Methyl Cellosolve®	109-86-4	Liquid	405
Methyl Cellosolve® acetate	110-49-6	Liquid	>480
Methyl chloride (gas)	74-87-3	Vapor	>480
Methyl ethyl ketone	78-93-3	Liquid	>480
Methyl isobutyl ketone	108-10-1	Liquid	>480
Methyl isocyanate	624-83-9	Liquid	12
Methyl mercaptan	74-93-1	Vapor	>480
Methyl tert-butyl ether	1634-04-4	Liquid	>480
Methylamine (40% in water)	74-89-5	Liquid	140
Methylene bromide	74-95-3	Liquid	40
Methylene chloride	75-09-2	Liquid	imm.
Methylene diphenyl isocyanate (50° C)	101-68-8	Liquid	>480
Methylformamide, N-	123-39-7	Liquid	>480
Mold spores	unknown	Solid	May be Suitable for Use
Muriatic acid (37%)	7647-01-0	Liquid	>480
N,N-Dimethylformamide	68-12-2	Liquid	>480
N-Aminoethyl ethanolamine	111-41-1	Liquid	>480
N-Aminoethyl ethanolamine (60%)	111-41-1	Liquid	>480
NaOH (Sodium hydroxide) (42-50%)	1310-73-2	Liquid	>480
Naphthalene	91-20-3	Solid	>480
Nicotine	54-11-5	Liquid	>480
Nitric acid (90%)	7697-37-2	Liquid	>480
Nitric acid, red fuming	52583-42-3	Liquid	>480
Nitrobenzene	98-95-3	Liquid	>480
Nitropropane, 2-	79-46-9	Liquid	>480
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 (65% free SO3)	8014-95-7	Liquid	15
Oxalic acid (sat. sol. in water)	144-62-7	Liquid	>480

PCB (50% in trichlorobenzene)	mixture	Liquid	>480
Pentanol, n-	71-41-0	Liquid	>480
Pesticide (general; solid form)	unknown	Solid	May be Suitable for Use
Phenethyl alcohol, 2-	60-12-8	Liquid	>480
Phenol (45° C)	108-95-2	Liquid	17
Phenol (60° C)	108-95-2	Liquid	imm.
Phenol (85-90%)	108-95-2	Liquid	341
Phenylethanol, 1-	98-85-1	Liquid	>480
Phosgene	75-44-5	Vapor	>480
Phosphoric acid (75%)	7664-38-2	Liquid	15
Phosphorus oxychloride	10025-87-3	Liquid	410
Phosphorus trichloride	7719-12-2	Liquid	>480
Picoline, 2-	109-06-8	Liquid	>480
Picoline, 3-	108-99-6	Liquid	>480
Polychlorinated biphenyl (50% in trichlorobenzene)	mixture	Liquid	>480
Polymethylene polyphenyl-polyisocyanate	9016-87-9	Liquid	>480
Potash lye (45%)	1310-58-3	Liquid	>480
Potassium carbonate	584-08-7	Liquid	>480
Potassium hydroxide (45%)	1310-58-3	Liquid	>480
Propyl bromide, 1-	106-94-5	Liquid	>480
Propylamine, n-	107-10-8	Liquid	100
Propylbromide, n-	106-94-5	Liquid	>480
Propylene oxide, 1,2-	75-56-9	Liquid	30
Pyridine	110-86-1	Liquid	>480
Radioactive particles	unknown	Solid	May be Suitable for Use
Sarin (10 g/m²)	107-44-8	Liquid	120
Silicon tetrachloride	10026-04-7	Liquid	>480
Sodium disulfite (38% w/w in water)	7681-57-4	Liquid	23
Sodium hydroxide (42-50%)	1310-73-2	Liquid	>480
Sodium hypochlorite (15%)	7681-52-9	Liquid	>480
Sodium hypochlorite (30%)	7681-52-9	Liquid	>480
Sodium metabisulfite (38% w/w in water)	7681-57-4	Liquid	23
Sodium pyrosulfite (38% w/w in water)	7681-57-4	Liquid	23
Sodium sulfide (60% w/w in water slurry)	1313-82-2	Liquid	>480
Soman (10 g/m²)	96-64-0	Liquid	>480
Styrene	100-42-5	Liquid	>480
Sulfonyl chloride	7791-25-5	Liquid	120
Sulfur chloride	10025-67-9	Liquid	210
Sulfur dichloride (80%)	10545-99-0	Liquid	imm.
Sulfur monochloride	10025-67-9	Liquid	210
Sulfur mustard (10 g/m²)	505-60-2	Liquid	120
Sulfur trioxide	7446-11-9	Liquid	imm.
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	>480
Tetrachloroethylene, 1,1,2,2-	127-18-4	Liquid	>480
Tetraethyl lead	78-00-2	Liquid	>480
Tetraethylenepentamine	112-57-2	Liquid	>480
Tetrahydrofuran	109-99-9	Liquid	>480
Thioglycolic acid	68-11-1	Liquid	>480
Thionyl chloride	7719-09-7	Liquid	15
Titanium tetrachloride	7550-45-0	Liquid	120
Toluene	108-88-3	Liquid	>480
Toluene-2,4-diisocyanate	584-84-9	Liquid	>480