Tychem® QC

Tychem® QC Polycoated Garments for Lightweight Splash Protection.

Tychem® QC polyethylene-coated garments from Lakeland provide excellent lightweight splash protection from many inorganic acids and other liquid chemicals. Tychem® QC is a combination of Tyvek® fabric and a 1.25 mils coating of polyethylene. It is a good economical choice for use in many industrial plants and chemical cleanup operations. Seams are available in either serged, bound or heat sealed styles for increased holdout of liquids and dry particulates. Tychem® QC garments are available in high visibility yellow or gray.

PERMEATION DATA

Permeation Data for ASTM Recommended List of Chemicals for Evaluating Protective Clothing Materials (ASTM F1001)

Chemical Name	Physical Phase	Normalized Breakthrough Time (min.)	Average Permeation Rate (µg/cm2/min)
Acetone	L	immediate	10
Acetonitrile	L	immediate	16
Ammonia (gas)	G	immediate	3.1
1,3- Butadiene	G	immediate	12
Carbon disulfide	L	immediate	high
Chlorine gas	G	immediate	>50
Dichloromethane	L	immediate	high
Diethylamine	L	immediate	64
N,N-Dimethylformamide	L	immediate	0.72
Ethyl acetate	L	immediate	12.7
Ethylene oxide	G	immediate	168
n-Hexane	L	immediate	high
Hydrogen chloride	G	immediate	9.3
Methanol	L	immediate	2.2
Methyl chloride	G	immediate	0.27
Nitrobenzene	L	immediate	18
Sodium hydroxide, 50%	L	>480	ND
Sulfuric acid (conc.)	L	>480	ND
Tetrachloroethylene	L	immediate	410
Tetrahydrofuran	L	immediate	183
Toluene	L	immediate	high

ND = None Detected
> = greater than
L = liquid
G = gas
Numbers reported are averages of samples tested by the ASTM F739 test method. Sample results do vary and therefore averages for

Warnings:
1. Tychem® QC is not flame resistant and should not be used around heat, flame sparks, or in potentially flammable or explosive environments.
2. Garments made of Tychem® QC should have slip resistant or anti-slip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.

Tychem® QC Physical Properties

Basis Weight (oz/yd2)	2.1 (ASTM D3776-85)
Thickness (mils)	26 (ASTM D1777-64)
Mullen Burst (psi)	66 (ASTM D3786-87)
Grab (md/xd) (ASTM D53034-90)	25/35 lbs
Trapezoid (md/xd) (ASTM D1117-80)	7/5 lbs

Tychem® QC Quick Pic

- Economical
- Light Chemical Splash Protection

Serged or Sewn and Bound Seams

Coverall, Style 05412

Tychem® QC coverall with collar and zipper. Serged seams.
Sizes: S – 5XL
Case Pack: 25
Case Weight: 9 lbs.
**Sewn and Bound seams available as Style No. 55412.*

Coverall, Style 05414

Tychem® QC coverall, zipper, attached hood, boots, elastic wrists. Serged seams.
Sizes: S – 5XL
Case Pack: 25
Case Weight: 13 lbs.
**Sewn and Bound seams available as Style No. 55414.*

Coverall, Style 05417

Tychem® QC coverall with collar and zipper, elastic wrist and ankles. Serged seams.
Sizes: S – 5XL
Case Pack: 25
Case Weight: 11 lbs.
**Sewn and Bound seams available as Style No. 55417.*

Coverall, Style 05428

Tychem® QC coverall, zipper, attached hood, elastic wrists and ankles. Serged seams.
Sizes: S – 5XL
Case Pack: 25
Case Weight: 11 lbs.
**Sewn and Bound seams available as Style No. 55428.*

Style 05412

Style 05414

Style 05417

Style 05428

serged bound
sewn bound

Shirt, Style 05201

Tychem® QC shirt - snap closure, long sleeve.
Sizes: S – 5XL
Case Pack: 50
Case Weight: 10 lbs.

Pants, Style 05301

Tychem® QC pants - elastic waist
Sizes: S – 5XL
Case Pack: 50
Case Weight:10 lbs.

Sleeves
Style No. 860

Tychem® QC sleeve, elastic ends. Available in yellow only.
Sizes: 18″
Case Pack: 100
Case Weight: 7 lbs.

Apron
Style No. 650

Tychem® QC apron, sewn ties. Available in yellow only.
Sizes: 28″ x 36″
Case Pack: 100
Case Weight: 9 lbs.

Encapsulated Suit, Style 55455

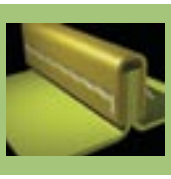
Tychem® QC encapsulated suit, front entry, zipper, hood with Mylar® face shield, boots, elastic wrist, air line hook up. Available in Sewn and Bound seam only; yellow only. Rear entry available as Style 55453.
Sizes: S – 5XL
Case Pack: 25
Case Weight: 15 lbs.

Apron, Style No. 527

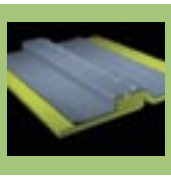
Tychem® QC open back apron, long sleeves, elastic wrist, sewn ties. Available in yellow only.
Sizes: 28″ x 36″
Case Pack: 50
Case Weight: 10 lbs.

Serged Seams

Sewn & Bound Seams



Heat Sealed Seams



Sealed Seams

heat sealed

Coverall, Style 70100

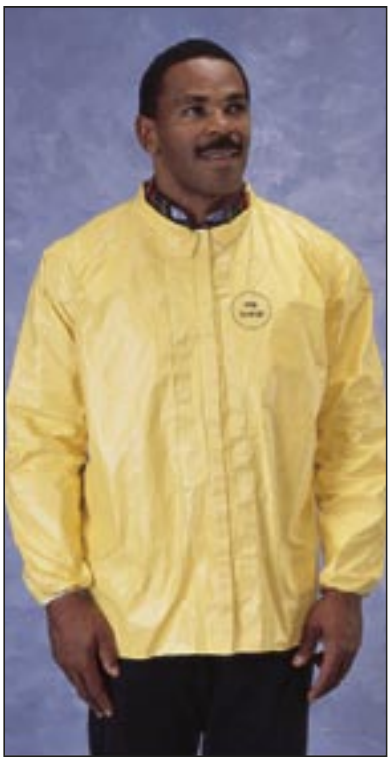
Tychem® QC coverall, collar, open wrists and ankles.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 6 lbs.

Coverall, Style 70110

Tychem® QC coverall, collar, elastic wrists and ankles.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 6 lbs.

Coverall, Style 70150

Tychem® QC coverall, hood, elastic face, elastic wrists, attached sock boots.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 8 lbs.



Jacket, Style 70250

Tychem® QC jacket with collar, double storm flap with hook and loop closure, zipper, elastic wrists.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 6 lbs.

Coverall, Style 70120

Tychem® QC coverall, hood, elastic face, open wrists and ankles.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 7 lbs.

Coverall, Style 70140

Tychem® QC coverall, hood, elastic face, open wrists, attached sock boots.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 8 lbs.

Sleeves, Style 70765

Tychem® QC sleeves, elastic ends.
Sizes: 18″ length
Case Pack: 12 pair
Case Weight: 6 lbs.

Pants, Style 70300

Tychem® QC pants, elastic waist, hemmed cuffs.
Sizes: S – 5XL
Case Pack: 6
Case Weight: 6 lbs.

Tychem® QC sealed seam products are available in either yellow or grey material... first two digits of the style number designate color; "70_ _ _" is yellow, "71_ _ _" is grey.

Hood, Style 70710

Tychem® QC hood (pull-over), bell shape, elastic face.
Sizes: One size
Case Pack: 12
Case Weight: 6 lbs.