ENTRY LEVEL CHEMICAL PROTECTIVE GARMENT

ChemMAX™ 1

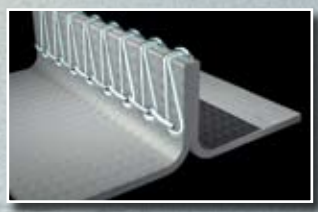
You've come to expect quality from Lakeland Industries. We've utilized our vast knowledge in the industry to develop a superior product in the ChemMAX™ 1. Offering quality along with durability, this cost-effective entry level product will please distributors, safety engineers and plant purchasing managers. Whether you are in manufacturing, environmental clean up or chemical handling, you can trust the ChemMAX™ family of products to protect your workers from harm.

ChemMAX™ is constructed with a unique polyethylene barrier film and a continuous filament polypropylene nonwoven. ChemMAX™ 1 garments bar many harmful contaminants from penetrating to inner clothing. Available with serged, bound and sealed seams for scalability, ChemMAX™ fits the Lakeland standard at a price you can afford.

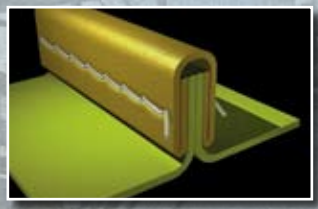
Property	Test Method	Units	ChemMAX 1
Basis Weight	ASTM D3776	oz/sy	2.29
Grab Tensile MD	ASTM D5034	pounds	35
Grab Tensile XD		pounds	27
Trapezoidal Tear MD	ASTM D5733	pounds	13.8
Trapezoidal Tear XD		pounds	14.2
Ball Burst	ASTM D751	pounds	25.5

Challenge Chemical	CAS Number	Physical State	ChemMAX 1
Acetone	67-64-1	Liquid	imm.
Acetonitrile	75-05-8	Liquid	imm.
Ammonia Gas	7664-41-7	Gas	imm.
1,3-Butadiene Gas	106-99-0	Gas	>480
Carbon Disulfide	75-15-0	Liquid	imm.
Chlorine Gas	7782-50-5	Gas	imm.
Dichloromethane	75-09-2	Liquid	imm.
Diethylamine	109-89-7	Liquid	imm.
Dimethyl Formamide	68-12-2	Gas	40
Ethyl Acetate	141-78-6	Liquid	imm.
Ethylene Oxide Gas	75-21-8	Gas	>480
n-Hexane	110-54-3	Liquid	imm.
Hydrogen Chloride Gas	7647-01-0	Gas	imm.
Methanol	67-56-1	Liquid	imm.
Methyl Chloride Gas	74-87-3	Gas	imm.
Nitrobenzene	98-95-3	Liquid	imm.
Sodium Hydroxide, 50%	1310-73-2	Liquid	>480
Sulfuric Acid, 98%	7664-93-9	Liquid	>480
Tetrachloroethylene	127-18-4	Liquid	imm.
Tetrahydrofuran	109-99-9	Liquid	imm.
Toluene	108-88-3	Liquid	imm.

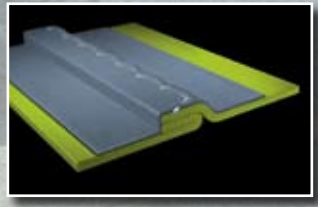
ChemMAX™ is available in these seams:



Serged Seam
A serged seam joins two pieces of material with a thread stitch that interlocks. This is an economical stitching method for general applications. This stitching method is generally not used for chemical protective clothing. It is more commonly found on limited use clothing where dry particulates are of a concern.



Sewn and Bound Seam
This seam joins two pieces of material with an overlay of similar material and is chain stitched through all of the layers for a clean finished edge. This provides increased holdout of liquids and dry particulates



Heat Sealed Seam
A heat sealed seam is sewn and then sealed with a heat activated tape. This method provides liquid proof seams, and is especially useful for Level A and B chemical protective clothing

Lakeland® INDUSTRIES, INC

C1S412
C1B412
Coverall, zipper

C1S414
C1B414
Coverall, zipper, attached hood, boots, elastic wrists.

C1S417
C1B417
Coverall, zipper, elastic wrists and ankles.

C1S428
C1B428
Coverall, zipper, attached hood, elastic wrists and ankles.

C1T100
Coverall, collar, open wrists and ankles.

C1T130
Coverall, hood, elastic face, wrists and ankles.

C1T150
Coverall, hood, elastic face, wrists, attached boots.

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