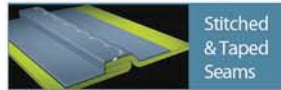


ChemMax® 4

Product code CT4S428



Superior multi-layer barrier films laminated to spunbond PP substrate - 190gsm.

- Extruded fabric construction. Results in smoother and more consistent fabric than bonded or glued competitors.
- Superior softness and flexibility and more consistent chemical barrier (no 'pinching' or thinner bond points as seen in competitor fabrics).
- European manufactured fabric. Tested against a full range of chemical warfare agents for anti-terror and civil defence operations.
- Very soft and flexible materials for enhanced comfort.
- Cushioned double-layer knee pads for increased comfort and safety.
- Improved Super-B style coverall: superior fit, wearability and durability.
- Three-piece hood, inset sleeves and diamond crotch gusset results in best fitting garment on the market.
- New design three-piece hood with tapered centre piece for superior face and respirator mask fit.
- New higher neck and zip flaps for improved face/neck protection.
- Double zip & storm flap front fastening for safe and secure protection.

ChemMax® 4 Styles

Style code 428
Coverall with hood, cuffs, waist & ankles. Double front zip fastening, cushioned kneepads
Sizes: S - XXXL

Style code L428
Coverall with elasticated hood, cuffs, waist & ankles. Double front zip fastening, cushioned kneepads, thumb loops.
Sizes: S - XXXL

Style code 430
Coverall "Plus" version with attached feet/boot flap and double cuffs.
Sizes: S - XXXL

Style code 430G
Coverall with hood and attached feet. Double zip/storm flap, double cuff with attached gloves(1) using Push-Lock(2) connection system.
Sizes: S - XXXL
(1)See page 46 for specification
(2)See page 32 for detail

Style code 527
Smock / Gown with rear entry / ties and elasticated cuffs
Sizes: M - XL

Style code 025
Apron with ties
Sizes: M - XL

Style code 024
Sleeves
Size: One size

Style code 023NS
Overboots with anti-slip sole
Sizes: L - XL

Style code 021
Cape hood with rear inlet pigtail
Size: One size

Level B Encapsulated Positive Pressure Non - Gas Tight Suits for SCBA (Inside/Outside option) are also available on request.

Available in: Military Green Yellow

| Physical Properties | | | | | | |
|---------------------|----------|----------|----------|------------|----------|----------|
| | | Brand C | Brand D | ChemMax® 4 | Brand E | Brand F |
| Property | EN Std | CE Class | CE Class | CE Class | CE Class | CE Class |
| Abrasion Resistance | EN 530 | 6 | 6 | 6 | 6 | 6 |
| Flex Cracking | ISO 7854 | 1 | 5 | 2 | 1 | 1 |
| Trapezoidal Tear | ISO 9073 | 2 | 3 | 6 | 5 | 3 |
| Tensile Strength | EN 13934 | 3 | 2 | 4 | 4 | 4 |
| Puncture Resistance | EN 863 | 2 | 2 | 2 | 2 | 2 |
| Burst Strength | ISO 2960 | NA | 2 | 4 | NA | NA |
| Seam Strength | ISO 5082 | 4 | 4 | TBA | 5 | 5 |

| Permeation Test Data * | | | | | | |
|--|-----------|----------|----------|------------|----------|----------|
| Liquid chemicals from EN 6529 Annex A. For a full list of chemicals tested see Permeation Data Tables or Chemical Search at www.lakeland.com/europe . Tested at saturation unless stated. | | | | | | |
| | | Brand C | Brand D | ChemMax® 4 | Brand E | Brand F |
| Chemical | CAS No. | CE Class | CE Class | CE Class | CE Class | CE Class |
| Acetone | 67-64-1 | 6 | 6 | 6 | 6 | 6 |
| Acetonitrile | 70-05-8 | 6 | 6 | 6 | 6 | 6 |
| Carbon Disulphide | 75-15-0 | 6 | Imm | 6 | 6 | 6 |
| Dichloromethane | 75-09-2 | Imm | Imm | 6 | 6 | 6 |
| Diethylamine | 209-89-7 | 6 | Imm | 6 | 6 | 6 |
| Ethyl Acetate | 141-78-6 | 6 | 6 | 6 | 6 | 6 |
| n-Hexane | 110-54-3 | 6 | 6 | 6 | 6 | 6 |
| Methanol | 67-56-1 | 6 | 6 | 6 | 6 | 6 |
| Sodium Hydroxide (30%) | 1310-73-2 | NA | 6 | 6 | 6 | 6 |
| Sulphuric Acid (96%) | 7664-93-9 | 6 | 6 | 6 | 6 | 6 |
| Tetrahydrofuran | 109-99-9 | 6 | 6 | 6 | 6 | 6 |
| Toluene | 95-47-6 | 6 | 6 | 6 | 6 | 6 |
| Chemical - gas | | | | | | |
| Ammonia 99% | 7664-41-7 | 6 | 6 | 6 | 6 | 6 |
| Chlorine 99.5% | 7782-50-5 | 6 | 6 | 6 | 6 | 6 |
| Hydrogen Chloride (99%) | 7647-01-0 | 6 | 6 | 6 | 6 | 6 |

* NB = normalised breakthrough. This is the time taken for the PERMEATION RATE to reach 1.0µg/minute/cm² in controlled laboratory conditions at 23°C. It is NOT the point at which breakthrough first occurs. For "Safe Use Time" log on to www.lakeland-permeasure.com

Areas shaded green indicate where ChemMax® 4 is either equal to or better than the equivalent brand C, D, E and F products.