



## Technical Data Sheet



**MICROCHEM® 4000 AIRline, Model 752**

**Part Number:** GR40-T-00-752

**Fabric:** MICROCHEM® 4000

**Seam Type:** Ultrasonically welded & taped

Product Description & Features	CE Category
MICROCHEM® 4000 AIRline is a fully encapsulated suit designed for use in combination with continuous flow compressed air line breathing apparatus*. Suit features include double elasticated cuffs, attached sock boots with PVC anti-slip sole and emergency rip cord.	Cat III

\*EC-Type Examination performed with the following respiratory devices;

- Sundström SR507 regulator and SR540 breathing hose

- Scott T-A- line regulator and PU breathing hose

For advice please contact the Microgard Technical Team, e-mail [technical@microgard.com](mailto:technical@microgard.com)

Whole Suit Test Results		
Test Method	Description	Result
EN 1073-1: 1998, Clause 5.4	Determination of the Nominal Protection Factor (particulate inward leakage test)**	NPF = 50,000
EN ISO 13935-2	Seam Strength	Class 4 of 6

\*\* Inward leakage testing performed with the regulator set at the minimum design airflow rate. Ansell Solvex Premium gloves were also worn and the cuffs taped to the suit in accordance with the instructions for use. For more information and advice please contact the Microgard technical team, e-mail [technical@microgard.com](mailto:technical@microgard.com)

CE Approvals	
EN1073-1: 1998	Ventilated protective clothing against particulate radioactive contamination - performance classification of IL: 50,000, Class 5
EN 14594: 2005	Respiratory protective devices. Continuous flow compressed air line breathing apparatus), Class 4A
EN 14605: 2005+A1: 2009	Protective clothing. Full body protection with (Type 3) liquid tight connections
EN 1149-5: 2008	Protective clothing. Electrostatic properties. Material performance and design requirements

**Safety Note:** All chemical tests and breakthrough times given relate to laboratory tests on fabrics only. Seams and closures may have lower breakthrough times, particularly when worn or damaged. It is the user's responsibility to select an appropriate garment, gloves, boots and other equipment for the particular use. The user shall be responsible for determining how long the garment can be worn for the particular use and whether it can be suitably cleaned for re-use. Microgard Limited does not give any warranties or make any representations about its garments other than those contained in the official literature supplied by Microgard Limited with each garment.