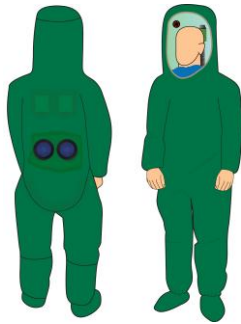




Technical Data Sheet



MICROCHEM® 4000 PAPR, Model 700

Part Number: GR40-T-00-700

Fabric: MICROCHEM® 4000

Seam Type: Ultrasonically Welded and Taped

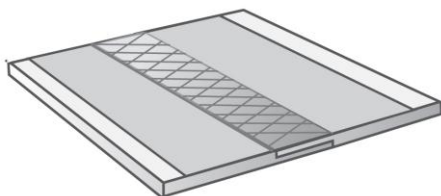
Product Description & Features	CE Category
Fully Encapsulated Coverall, for use in combination with Sundström SR500/SR500EX PAPR fan unit & filters. Double elasticated cuffs, attached socks with boot over-flap. Emergency rip cords attached to left chest shoulder and left back shoulder as worn.	Cat III

Whole Suit "TYPE" Test Results		
Test Method	Description	Result
EN ISO 17491-3	Type 3 Jet Spray Test	Pass
EN ISO 17491-4 (Method B)	Type 4 High Level Spray Test	Pass
EN ISO 13982-2	Type 5 Particulate inward leakage	IL _{82/90} ≤ 30 % TIL _{8/10} ≤ 15 %
EN 1073-2	Barrier to Radioactive particulates	Class 3 of 3
EN ISO 13935-2	Seam Strength	Class 4 of 6

*Test performed with wrists taped to gloves

CE Approvals	
EN 14605: 2005 +A1:2009	Type 3 (Limited life, full body protection with liquid tight connections)
EN 14605: 2005 +A1:2009	Type 4 (Limited life, full body protection with spray tight connections)
EN ISO 13982-1: 2004 +A1:2010	Type 5 (Limited life, full body protection against airborne solid particulates)
EN1073-2: 2002	(Non-ventilated protective clothing against particulate radioactive contamination) performance classification of TIL Class 3
EN14126: 2003	Types 3-B, 4-B, 5-B (Limited life, full body protective clothing against infective agents)
EN 12941: 2008	Respiratory Protection TH3, APF = 40*
EN 1149-1: 1995	for electrostatic dissipative protective clothing on one surface

*UK APF (Assigned Protection Factor) according to Annex C of EN529:2005. The APF is the factor by which the hazard is reduced, i.e. how many times cleaner the air is inside the hood than outside



Ultrasonically Welded and Taped Seams

This seam technology is our highest barrier to liquid and particulates

Developed in partnership with

Sundström 

For use in combination with Sundström SR500 / SR500EX PAPR fan unit & filters



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.