



# Technical Data Sheet



**MICROCHEM® 3000, Model 103**

**Part Number:** YE30-W-00-103

**Fabric:** MICROCHEM® 3000

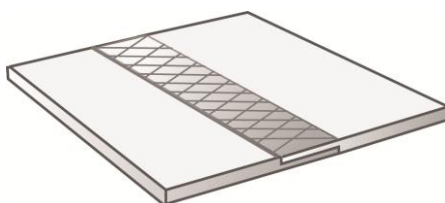
**Seam Type:** Ultrasonically welded

Product Description & Features	CE Category
Coverall with collar and front entry double-zip system. Elasticated double cuffs (knitted inner cuff), waist and ankles.	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 <sub>82/90</sub> ≤ 30 % TIL <sub>S8/10</sub> ≤ 15 %
EN 1073-2	Barrier to Radioactive particulates	Class 1 of 3
EN ISO 13935-2	Seam Strength	Class 4 of 6

\* Test performed with wrists, cuffs, ankles and hood taped to ancillary PPE.

CE Approvals	
EN 14605: 2005 +A1:2009	<b>Type 3</b> (Limited life, full body protection with liquid tight connections)
EN 14605: 2005 +A1:2009	<b>Type 4</b> (Limited life, full body protection with spray tight connections)
EN ISO 13982-1: 2004 +A1:2010	<b>Type 5</b> (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 1
EN14126: 2003	<b>Types 3-B, 4-B, 5-B</b> (Limited life, full body protective clothing against infective agents)
EN1149-5: 2008	for protective clothing with electrostatic dissipative properties"



### Ultrasonically Welded Seams

Provides a strong liquid and particle barrier

**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.