MICROGARD®
High Performance Protection in Comfort

BS EN 1073-2: 2002 Protective clothing against radioactive contamination

Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination

Protective clothing submitted for testing to this standard must already comply with the requirements set out in BS EN ISO 13982-1/2: 2004 (Type 5), and subsequently with the test methods specified in EN14325: 2003 plus an additional test for burst resistance to EN ISO 13938-1

The test method follows the same procedure as BS EN ISO 13982-2: 2004, as you are still testing for inward leakage of aerosols & solid particles – Type 5 protective clothing.

The test evaluates inward leakage in the same way as the Type 5 test but the classification system is different, as the results are recorded to give the suit a Nominal Protection Factor.

Table A shows the classification system used for this standard.

Table A	
Class	Nominal Protection Factor
3	500
2	50
1	5

E.g. *Microchem® 3000 achieved a highest total inward leakage mean value of 9.377% for the squats and the mean of all activities was 4.931%. The calculations used indicates the M3000 performance equates to a Nominal Protection Factor of 20 – Indicating that it is a Class 1 device for barrier to radioactive particulates.*

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