

## Test Methods for Clean Room Textiles/Electrostatic Behaviour

ASTM F51-20 modified	Standard Test Method for Sizing and Counting Particulate Contaminant in and on Clean Room Garments – Particle emission of Clean Room Garments – Suction/ Counter method	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles
IEST-RP CC-003.4 based on	Garment System Considerations for Cleanrooms and Other Controlled Environments – Particle Emission of Clean Room Garments – Helmke Drum Test	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles
VDI 3926 Blatt 1:2004-10* modified	Testing of cleanable filter media – Standard test for the evaluation of cleanable filter media – Barrier ability against airborne particles of barrier textiles	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles and Service Center Test Technologies
DITF method ReBa <sup>2</sup>	Determination of bacterial penetration through cleanroom garment textiles in moist condition under mechanical stress under movement.	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles and Biological Test Laboratory
DIN 54345-1:1992-02*	Testing of Textiles; Electrostatic Behaviour; Determination of electrical resistance	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles and Service Center Test Technologies
DIN EN 1149-1:2006-09*	Protective clothing – Electrostatic properties – Part 1: Test method for measurement of surface resistivity	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles and Service Center Test Technologies
DIN EN 1149-2:1997-11*	Protective clothing – Electrostatic properties – Part 2: Test method for measurement of the electrical resistance through a material (vertical resistance)	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles and Service Center Test Technologies

DIN EN 1149-3:2004-07	Protective clothing – Electrostatic properties – Part 3: Test methods for measurement of charge decay	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles
DIN EN 61340-4-9:2020-06* VDE 0300-4-9:2020-06	Electrostatics – Part 4-9: Standard test methods for specific applications – Clothing	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles and Service Center Test Technologies
MIL standard 285 VG 95 370/ IEEE standard 299-2006 based on	Determination of the shielding effectiveness against high-frequency electromagnetic fields	Competence Center Textile Chemistry, Environment & Energy / Team Barrier Textiles

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